



# STIC Search Report

EIC 2600

STIC Database Tracking Number: 1412934

**TO:** Scott Beliveau  
**Location:** PK2 06 C41  
**Art Unit :** 2614  
**Tuesday, January 25, 2005**

**Case Serial Number:** 09590413

**From:** Paul Obiniyi  
**Location:** EIC 2600  
**PK2-3T03**  
**Phone:** 305-1836  
  
**[paul.obiniyi@uspto.gov](mailto:paul.obiniyi@uspto.gov)**

## Search Notes

Dear Examiner Beliveau,

Attached please find the results of your search. Please feel free to contact me if you have additional questions or would like a re-focus search. Thank you and have a great day.

Paul

## SEARCH REQUEST FORM

Scientific and Technical Information Center

21 JAN 2005

Requester's Full Name Scott Belvin Examiner #: 79346 Date: 1/21/05  
 Art Unit: 2614 Phone Number \_\_\_\_\_ Serial Number: 09590417  
 Location: PLZ 6041 Results Format Preferred (circle): PAPER  DISK  E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

21 JAN 2005

STAFF USE ONLY		Type of Search	Vendors and cost where applicable
Searcher: <u>Paul Obinnyi</u>		Sequence (#) _____	STN _____
Searcher Phone #: <u>305-1836</u>		AA Sequence (#) _____	Dialog <input checked="" type="checkbox"/>
Searcher Location: <u>PLZ 3T-03</u>		Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>01/24/05</u>		Bibliographic <input checked="" type="checkbox"/>	Dr. Link _____
Date Completed: <u>01/25/05</u>		Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>90</u>		Fulltext <input checked="" type="checkbox"/>	Sequence Systems _____
Clerical Prep Time: _____		Patent Family _____	WWW/Internet <input checked="" type="checkbox"/>
Online Time: <u>130</u>		Other <input checked="" type="checkbox"/>	Other (specify) <u>ACM</u>

? show files; ds; save temp; logoff hold  
File 348:EUROPEAN PATENTS 1978-2005/Jan W03  
    (c) 2005 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20050120,UT=20050113  
    (c) 2005 WIPO/Univentio

Set	Items	Description
S1	66702	POCKET?? OR PALM()TOP?? OR PALMTOP?? OR PALM(2N)PILOT?? - OR HANSPRING?? OR HAND()SPRING?? OR ( HANDHELD?? OR HAND()HE- LD??) (3N) (DEVICE? OR UNIT?) OR POCKETPC OR POCKET()PC
S2	84957	S1 OR (HANDHELD()DIGITAL()ORGANIZER?? OR PDA OR (PORTABLE- ?? OR PERSONAL??) ()DIGITAL()ASSISTANT?? OR PORTABLE()COMPUT??- ?()DEVICE??)
S3	203634	(TRANSFER? OR UPDAT??? OR SHAR??? OR TRANSMIT??? OR COMMUN- ICAT??? OR SEND????) (7N) (MPG OR MPEG OR MOVING()PICTURE()EXPER- T()GROUP?? OR DATA OR FILE?? OR RECORD?? OR STOR???(3N)FILE?? OR MEDIA(3N)FILE?? OR VIDEO??)
S4	650685	(STB OR SET()TOP()BOX OR SET()BOX OR TOP()BOX OR COMPUTER?? OR CPU OR NODE?? OR TERMINAL?? OR PROCESSOR?? OR MICROPROCES- SOR?? OR WEB()TV?? OR PC()TV??)
S5	361593	(USER?? OR CUSTOMER?? OR CLIENT?? OR OWNER??)
S6	948849	(MOTIVAT??? OR ADVANTAG? OR BENEFI?)
S7	6	AU =(TILFORD, A? OR TILFORD A?)
S8	60605	IC=H04N?
S9	0	S8 AND S7
S10	310	S2(S)S3(S)S4(S)S5(S)S6
S11	19	S10 AND S8
S12	3	S11 NOT PY>2000
S13	2306	S2(S)S3(S)S4(S)S5
S14	168	S13 AND S8
S15	33	S14 NOT PY>2000
S16	30	S15 NOT S12
S17	25	S16 NOT AD=20000608:20050125
S18	25	IDPAT (sorted in duplicate/non-duplicate order)
S19	25	IDPAT (primary/non-duplicate records only)
S20	740	S2(3N)S3(3N)S4
S21	55	S20 AND S8
S22	11	S21 NOT PY>2000
S23	5	S22 NOT (S19 OR S12)

12/3,K/1 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00530910

**METHOD FOR HANDLING CONSUMER DATA REQUESTS TO A CONTENT PROVIDER  
PROCEDE DE PASSATION DE DONNEES RELATIVES A DES DEMANDES DE CONSOMMATEURS A  
UN POURVOEUR DE CONTENUS**

Patent Applicant/Assignee:

LEWIS William H,

Inventor(s):

LEWIS William H,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9962262 A1 19991202

Application: WO 99US11962 19990528 (PCT/WO US9911962)

Priority Application: US 9887517 19980529

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 7713

Main International Patent Class: H04N-007/173

Fulltext Availability:

Claims

Claim

... ring) would allow for rental (limited use) or purchase to home based or business based **customers** . It effectively eliminates need for transporting, inventorying, and physical delivery of digital data products. Direct...

...anti-piracy protection, various preview/rental/purchase options, secure transactions, auto return (no late fees), **user** privacy, etc. It also provides the added **benefit** to the rental industry of reducing or eliminating retail space and physical inventory.

BRIEF DESCRIPTION...

...cable television broadcasts, satellite broadcasts, radio broadcasts, audio, video or audio/video data signals, or **computer** data signals are received at the receiving means 2. The receiving means 2 may incorporate ...

...signal is transmitted to the processing means 3 where the information is processed according to **user** input. For example, in an information subscription program, **users** may be required to pay a fee in order to access information for personal use...the name of the CD, the artist, and the particular song - 10 includes a signal **processor** that decodes and processes coded information which may be included in the broadcast or other...

...signal undergoes in the processing means 3 is dependent on the specific

desires of the **user** . Once the received signal has been processed, it may be stored for future use on...

...medium 4, or immediately accessed for present use. If needed for present use, the processed **data** is **transmitted** from the processing means 3 to the playback means 1 5 5 which interprets the...

...be any medium known in the art for storin2 ROM, optical disk, magneto-optical disc, **computer** hard drive. digital video disc (DVD), digital audio tape (DAT), or any other recording medium...the processing means 3. This feature is important because it allows parents (or other suitable **users** ) to record a specific program in its original format for review and subsequent editing to make it suitable for other **users** . In a practical application of I 0 this feature, a parent can record a cable...

...the drawing depicts a block diagram of a television incorporating one embodiment of the invention. **Data** feed lines 10a-10n **transmit** **data** from television, cable television, satellite, or UHF/VHF broadcasts or from other local data sources (including VCR's, laser disc players, DVD players, video cameras, or any other audio, **video** , or combination audio/ **video** (collectively "A/V") **data** **transmitter** known in the art to the receiving means 11. FIGURE 2b depicts an embodiment of...

...broadcast television antenna; cable television receiver; satellite receiver; UHF/VHF antenna; broadcast radio antenna", and **computer** network - 12 standard AN inputs (e.g. RCA video in and video out, Super VHS...

...or more of data feed lines 10a-10n is sent to the processing means 13. **Microprocessor** 12 controls which processing functions (if any) are applied to the received data. Additionally, **microprocessor** 12 controls any playback features that are subject to **user** input (e.g. pause, stop, record, fast forward, etc). **User** interface 17 allows the **user** to directly control which processing ftinctions will be applied to the received **data** as it is **transmitted** through the processing means 13 by transmitting a control signal 16 which the **microprocessor** 12 receives, interprets and uses to control the processing means 13 based on the **user** 's specifications. **User** interface 17 may include a system for local on screen programming using an infrared or other **hand - held** remote control **device** to produce the control signal 16. Alternatively, the **user** interface 17 may be an on-unit interface featuring control pad buttons which activate the control signal 16 to direct the features of the system. In addition, **user** interface 17 may include touch tone telephones or software programs utilizing **computer** modems or other **computer** ports (e.g., serial, parallel, network card, or any other **computer** interface known in the art) to generate the control signal 16, and which may be utilized at much greater distances than standard remote control interfaces to control **microprocessor** 12. **User** interface 17 may include circuitry, software or any other means transmission of the control signal...

...prevent unauthorized interception of the control signal 16 and/or access to the system. Upon **user** request, **microprocessor** 12 may deactivate all types of processing so that the raw data received from data...

...later processing and/or playback. Processing means 13 may include any number of circuits, signal **processors** , filters, or other data manipulation devices known in the art for providing any electronic

...a TVNCR platform. It is recognized that the transaction zone could exist on a typical **computer** platform under any typically available operating system such as Windows, Unix or even a Macintosh environment. The transaction zone would be created in the **computer**'s RAM, the **CPU** would provide processing capability and the algorithms for accomplishing the transaction zone would be stored on the hard drive of the **computer** in the form of **computer** software or on a RISC chip.

#### VIRTUAL TRANSACTION ZONE EMBODIMENT

#### REMOTE LOCATION OF **USER** DEFINED TRANSACTION ZONE EXAMPLE

By way of yet another example, it is important to realize...

...remote unit would be a service that stores preset selection information for a series of **users** and access via modem through the Internet or telephone lines for remote **users** to link into their own or a rented transaction zone to provide the same services and **advantages** outlined above.

#### OVERVIEW OF INPUTS AND OUTPUTS TO CLOSED LOOP TRANSACTION ZONE

In Figure 4...

**12/3,K/2 (Item 2 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT

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00473205 \*\*Image available\*\*

#### VISUAL **USER** INTERFACE FOR CONTROLLING THE INTERACTION OF A DEVICE WITH A SPATIAL REGION

#### INTERFACE VISUELLE UTILISATEUR POUR COMMANDER L'INTERACTION D'UN DISPOSITIF AVEC UNE REGION SPATIALE

Patent Applicant/Assignee:

INTERVAL RESEARCH CORPORATION,

Inventor(s):

LASSITER Charles L,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9904557 A1 19990128

Application: WO 98US14787 19980716 (PCT/WO US9814787)

Priority Application: US 97896928 19970718

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM  
KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI  
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD  
TG

Publication Language: English

Fulltext Word Count: 16127

Main International Patent Class: **H04N-005/232**

Fulltext Availability:

Detailed Description

Detailed Description

... a video camera

unchanged or substantially unchanged and, instead, causes rotation of a filmed scene). **Advantageously**, the movable

camera mount can enable movement of the video camera 101 having three rotational...

...the location of the center of the area being filmed by the video camera.)  
A **user** interface device 104, which can be any 10 appropriate device that can display a visual **user** interface according to the invention, is used by a **user** to input instructions for use in controlling operation of the video camera 101. The **user** interface device 104 can be embodied by, for example, a conventional **portable computing device**, 15 such as a notebook **computer**, subnotebook **computer**, **personal digital assistant** ( **PDA** ) or other similar device, together with, as appropriate, one or more associated **user** input devices, such as, for example, a mouse, keyboard, trackball or stylus. Embodying the **user** interface device 104 in a 20 portable device is **advantageous** because it enables the **user** interface device 104 to be easily moved to filming locations together with the video camera 101 and tripod 102. As 25 illustrated in FIG. 1, the **user** interface device 104 includes a **portable computing device** 105, as well as a stylus 106 that 30 can be used to contact a touchscreen (which can be used to display the visual **user** interface according to the invention) of the **portable computing device** 105 to effect input of 35 instructions from the **user** to the **portable computing device** 105. However, the **user** interface 104 can be 40 implemented by other devices, including computing devices that are not portable, such as, for example, a desktop or interconnected with the **user** interface device 104, the 45 tripod 102 (in particular, a position encoder or encoders of the movable camera mount) and the **video** camera 101 to enable 50 **communication** therebetween. Such **communication** can be 55 implemented using any appropriate methods and apparatus (e.g., serial or parallel digital...).

...either wired or wireless, thus  
enabling the data processing and storage device 103 and the  
**user** interface device 104 to be implemented either as  
tethered (wired) or untethered (wireless) devices. A system  
in which the data processing and storage device 103 and the  
**user** interface device 104 are untethered can be **advantageous**  
because it affords greater freedom of movement for a **user**  
during use of those devices (and, in particular, during use  
of a visual **user** interface according to the invention).

The data processing and storage device 103 can, for  
example...

12/3,K/3 (Item 3 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00122471 \*\*Image available\*\*  
**ELECTRONIC DISPLAY APPARATUS**  
**APPAREIL D'AFFICHAGE ELECTRONIQUE**  
Patent Applicant/Assignee:

...the videodisc player 2 is commanded to operate for this calculated time. Also, when the **microprocessor** 21 instructs the videodisc player 2 to search for a particular frame of video data, the **microprocessor** is programmed to assume a particular average time for access of the searched frame and...

...without reference to the stored data on the videodisc in the player 2. Thus, the **microprocessor** program can be **updated** while still using the same permanently **recorded** **video** data on the videodisc. Many modifications of the apparatus described will be readily apparent to...

?

19/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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00990301

COMMUNICATION TERMINAL

KOMMUNIKATIONSGERAT

TERMINAL DE TELECOMMUNICATIONS

PATENT ASSIGNEE:

KABUSHIKI KAISHA TOSHIBA, (213130), 72, Horikawa-cho, Saiwai-ku,  
Kawasaki-shi, Kanagawa-ken 210-8572, (JP), (applicant designated  
states: DE;FR;GB)

INVENTOR:

IRUBE, Akira, 5-197-206, Tobecho,Nishi-ku, Yokohama-shi,Kanagawa-ken  
220-0042, (JP)  
MINAMI, Shigenobu, 4-10-15, Ryosei, Ayase-shi,Kanagawa-ken 252-1126, (JP)  
YAMAGISHI, Osamu, 2-13-10, Higashioi, Shinagawa-ku,Tokyo 140-0011, (JP)

LEGAL REPRESENTATIVE:

HOFFMANN - EITLE (101511), Patent- und Rechtsanwalte Arabellastrasse 4,  
81925 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 930768 A1 990721 (Basic)  
WO 9839906 980911

APPLICATION (CC, No, Date): EP 98905740 980303; WO 98JP874 980303

PRIORITY (CC, No, Date): JP 4812797 970303; JP 17719897 970702

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04M-011/00; H04M-001/00; H04M-001/27;  
H04B-007/24; **H04N-007/14**; G06F-003/033; G06F-003/023; G06F-003/14

ABSTRACT WORD COUNT: 139

LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9929	1588
SPEC A	(English)	9929	13003
Total word count - document A			14591
Total word count - document B			0
Total word count - documents A + B			14591

...INTERNATIONAL PATENT CLASS: **H04N-007/14**

...ABSTRACT A1

A communication **terminal** apparatus is separated into a housing that  
is capable of video/voice communications, and a...

...only the voice communications are limited, the housing becomes small,  
can be stored in a **pocket** or the like, and can immediately go off-hook  
upon reception of an incoming call. Upon reception of a **videophone**  
**communication** request, the **user** goes off-hook using the housing that  
is capable of only the voice communications to immediately make voice  
communications with the partner **terminal**, and can switch the  
**communication** mode to the **video** /voice communications using the housing  
that is capable of the **video** /voice communications, as needed. Hence,  
even a **communication** **terminal** having a **videophone** function can  
comprise a video input/output function without impairing its portability  
and storability.

...SPECIFICATION this housing allows the user to immediately go off-hook.  
Even upon reception of a **videophone** **communication** request, the **user**

goes off-hook using the housing that is capable of voice communications alone, and can switch the **communication** mode to a **video** /voice **communication** mode using the housing that is capable of **video** /voice communications. Hence, even a **communication terminal** having a **videophone** function can comprise a video input/output function without impairing its portability and storability.

According...

19/3, K/2 (Item 2 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00753920

**Television receiver with an interface for the displaying and communication of data**

**Fernsehempfänger mit einer Schnittstelle zum Darstellen und Übertragen von Daten**

**Recepteur de television avec une interface d'affichage et de communication de données**

PATENT ASSIGNEE:

PLESSEY SEMICONDUCTORS LIMITED, (1442491), Cheney Manor, Swindon, Wiltshire SN2 2QW, (GB), (applicant designated states: AT;DE;ES;FR;GB;IT)

INVENTOR:

Minett, Peter John, 19 Meadow Springs, Lydiard Millicent, Swindon, Wiltshire SN5 9NH, (GB)

LEGAL REPRESENTATIVE:

Hoste, Colin Francis (32044), The General Electric Company p.l.c. GEC Patent Department Waterhouse Lane, Chelmsford, Essex CM1 2QX, (GB)

PATENT (CC, No, Kind, Date): EP 710017 A2 960501 (Basic)  
EP 710017 A3 970528

APPLICATION (CC, No, Date): EP 95307350 951013;

PRIORITY (CC, No, Date): GB 9421840 941028

DESIGNATED STATES: AT; DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS: H04N-005/445

ABSTRACT WORD COUNT: 183

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	531
SPEC A	(English)	EPAB96	1392
Total word count - document A			1923
Total word count - document B			0
Total word count - documents A + B			1923

INTERNATIONAL PATENT CLASS: H04N-005/445

...SPECIFICATION and other users on the network/telephone system. The PDA 5 thus acts as a **data terminal** such that messages can be **transmitted** to other **users** in the system by keying or writing into the **PDA** 5 the message to be transmitted and then issuing the command to transmit the message...

...network or television system. In the case of a connection with the telephone system; the **PDA** 5 can act as a telephone, provided it has a sound card and a small...

**19/3,K/3 (Item 3 from file: 348)**

DIALOG(R) File 348:EUROPEAN PATENTS

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00644578

**Television telephone apparatus**

**Fernseh/Telefon-Gerat**

**Appareil de television/telephone**

**PATENT ASSIGNEE:**

Casio Computer Co., Ltd., (249364), 6-2, Hon-machi 1-chome, Shibuya-ku,  
Tokyo 151-8543, (JP), (Proprietor designated states: all)

**INVENTOR:**

Morikawa, Shigenori, c/o Dev.Div.Hamura R&D Cen., Casio Computer Co.,  
Ltd., 3-2-1, Sakae-cho, Hamura-shi, Tokyo 190-11, (JP)  
Tsukamoto, Akihiro, c/o Dev.Div.Hamura R&D Cen., Casio Computer Co.,  
Ltd., 3-2-1, Sakae-cho, Hamura-shi, Tokyo 190-11, (JP)

**LEGAL REPRESENTATIVE:**

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)  
, Maximilianstrasse 58, 80538 Munchen, (DE)

**PATENT (CC, No, Kind, Date):** EP 624038 A1 941109 (Basic)  
EP 624038 B1 990825

**APPLICATION (CC, No, Date):** EP 94106682 940428;

**PRIORITY (CC, No, Date):** JP 93128285 930430; JP 93156049 930601; JP  
93163965 930608; JP 93195374 930713

**DESIGNATED STATES: DE; FR; GB**

**INTERNATIONAL PATENT CLASS:** H04N-007/14

**ABSTRACT WORD COUNT:** 106

**NOTE:**

Figure number on first page: 1

**LANGUAGE (Publication,Procedural,Application): English; English; English**

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9934	663
CLAIMS B	(German)	9934	561
CLAIMS B	(French)	9934	722
SPEC B	(English)	9934	37045
Total word count - document A			0
Total word count - document B			38991
Total word count - documents A + B			38991

**INTERNATIONAL PATENT CLASS:** H04N-007/14

...SPECIFICATION to provide better view for the user, and is provided with the LINE I/O **terminal** 1L to connect to an analog public telephone line and the TEL I/O **terminal** 1T to connect to the telephone 202. Therefore, when the TV telephone apparatus 300 is mounted on the TV telephone station 350, image **data** and voice **data** are **transmitted** and received via the telephone line. With the above design, the TV telephone apparatus 300 is compact and light, so that it can easily be carried around in a **pocket** on clothes or the like, thus further improving the portability. When the TV telephone apparatus...

**19/3,K/4 (Item 4 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT

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00766391 \*\*Image available\*\*

**A METHOD AND A SYSTEM FOR GENERATING SUMMARIZED VIDEO  
PROCEDE ET SYSTEME DE PRODUCTION DE VIDEO SYNTHETISEE**

Patent Applicant/Assignee:

TELEFONAKTIEBOLAGET LM ERICSSON (publ), S-126 25 Stockholm, SE, SE  
(Residence), SE (Nationality)

Inventor(s):

ABDELJAOUED Yousri, CH-Lausanne, CH  
EBRAHIMI Touradj, CH-Lausanne, CH  
CHRISTOPOULOS Charilaos, Lomvagen 64, S-192 57 Sollentuna, SE  
MAS IVARS Ignacio, Kungshamra 21, S-170 70 Stockholm, SE

Legal Representative:

SANDSTROM Staffan, Bergenstrahle & Lindvall AB, Box 17704, SE-118 93  
Stockholm, SE

Patent and Priority Information (Country, Number, Date):

Patent: WO 200079800 A1 20001228 (WO 0079800)  
Application: WO 2000SE1178 20000607 (PCT/WO SE0001178)  
Priority Application: SE 992328 19990618

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5001

Main International Patent Class: **H04N-007/26**

Fulltext Availability:

Claims

Claim

... AND PRIOR ART

Recent developments in personal computing and communications have created new classes of **devices** such as **hand - held computers**, **personal digital assistants** (PDAs), smart phones, automotive computing devices, and **computers** that allow **users** more access to information.

Many of the device manufacturers, including cell phone, **PDA**, and hand-held **computer** manufacturers, are working to grow the functionalities of their devices. The devices are being given...

...as calendar tools, address books, paging devices, global positioning devices, travel and mapping tools, email **clients**, and Web browsers. As a result, many new businesses are forming around applications related to...

...a

growing mismatch between the rich content that is available and the capabilities of the **client** devices to access and process it. In this respect so called key-frame based video summarization is an efficient way to manage and **transmit** **video** information. This

representation can be used within the MPEG-7 application Universal Multimedia Access as...

...1999,  
ISO/IEC/JTC1/SC29/WG11 M4433, in order to adapt video data to the **client** devices.

For Audio-Visual material, the key frame extraction could be used in order to adapt to bandwidth and computational capabilities of the **clients**. For example, low bandwidth or low capability **clients** might request only the audio information to be delivered, or only the audio combined with some key frames. High bandwidth and computational efficient **clients** can request the whole AV material. Another application is fast browsing to digital video. Skipping...

**19/3, K/5 (Item 5 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT  
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00762777 \*\*Image available\*\*

**A SYSTEM AND RELATED METHODS FOR AUTOMATICALLY DETERMINING THE MEDIA COUNT  
IN A PRINTING DEVICE MEDIA TRAY**  
**SYSTEME ET PROCEDE A CET EFFET PERMETTANT DE DETERMINER AUTOMATIQUEMENT LE  
NOMBRE DE SUPPORTS DANS LE TIROIR D'UN DISPOSITIF IMPRIMEUR**

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200076203 A1 20001214 (WO 0076203)  
Application: WO 2000US15121 20000601 (PCT/WO US0015121)  
Priority Application: US 99325040 19990607; US 2000546205 20000410

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU BR CA CN CZ HU IL IN JP KR MX NZ PL RU ZA  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 15580

Main International Patent Class: **H04N-001/32**

International Patent Class: **H04N-001/23**

Fulltext Availability:

Claims

Claim

... USER SEND USER PROFIL  
PROFILE DATA DATA TO DOCUMENT  
FROM PRINTING SERVER  
MODULE  
1200  
STORE USER 2200

...the

Three Republican moderates. Sens. James Jeffords of amount of money you have in your **pocket**. The government Vermont. Arlen Specter of Pennsylvania and John Chafee of is no( responsible for...of Cuban descent. So are the

I FRONT PACE president of the largest bank, the **owner** of the largest real est3ic developer, the managing pariner of the largest law firm. nearly...

...survey. 30-0 fertility clinics reported that their Union, (he world's Icadine astronomical oroanization, **clients** had 14,388 live deliveries.from pregnancies that rcaffirmcd Pluto's standine as the smallest...other states wrap up this year's business. Sun, one of the biggest makers of **computers** that run Internet In the last Congress. CAUCE had been pushing for federal sites, will...

...for the cost of processing millions of pieces of junk c..nail, and some Internet **users** rn-ist piy their ISP or phone cor-npony for the time they spend do...

**19/3,K/6 (Item 6 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT  
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00762772 \*\*Image available\*\*  
**DOCUMENT DELIVERY SYSTEM FOR AUTOMATICALLY PRINTING A DOCUMENT ON A PRINTING DEVICE**  
**SYSTEME DE TRANSFERT DE DOCUMENT PERMETTANT L'IMPRESSION AUTOMATIQUE D'UN DOCUMENT SUR UN DISPOSITIF D'IMPRESSION**

Patent Applicant/Assignee:

HEWLETT-PACKARD COMPANY, 3404 E. Harmony Road, P.O. Box 272400 m/s 35, Fort Collins, CO 80527-2400, US, US (Residence), US (Nationality)

Patent Applicant/Inventor:

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SMITH Donald X II, 3630 NW Twinberry Place, Corvallis, OR 97330, US, US (Residence), IN (Nationality)  
BRONSTEIN Kenneth H, 2990 NW Acacia Place, Corvallis, OR 97330, US, US (Residence), US (Nationality)  
VAN ZEE Pieter J, 3720 Glenridge Drive, Corvallis, OR 97330, US, US (Residence), US (Nationality)

Legal Representative:

JENSKI Raymond A, 1000 NE Circle Blvd., m/s 422B, Corvallis, OR 97330, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200076198 A1 20001214 (WO 0076198)  
Application: WO 2000US15120 20000601 (PCT/WO US0015120)  
Priority Application: US 99325040 19990607; US 2000495013 20000131

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU BR CA CN CZ HU IL IN JP KR MX NZ PL RU SG ZA  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 14545

Main International Patent Class: **H04N-001/00**

DELIVERY SELECT VIEW SETTINGS HELP

En 01

DELIVERY

TITLE OF...new digital forage may be killed. format, one that will resist copying and that will require **users** to Over the past three years pay to download it. Universal announced Wednesday that it...

...the

Three Republican moderates, Sens. James Jeffords of amount of money you have in your **pocket** . The government Vermont, Arlen Specter of Pennsylvania and John Chafee of is not responsible for...of Cuban descent. So are the

1 FRONT PAGE president of the largest bank. the **owner** of the largest real

estate developer, the managing partner of the largest law firm. nearly...

...the survey. 300 fertility clinics reported that their Union, the world's leadinR astronomical organization, **clients** had 14,388 live deliveries.from pregnancies that

becan in 1996. That was up from...other states %,Tap up this year's business. Sun, one of the biggest makers of **computers** that run Intemet In the last Congress. CAUCE had been pushing for federal sites, will...

...for the cost of processing

millions or pieces of junk e-mail, and some Internet **users** must pay their ISP or phone company for the time they 1@ A@l spend...Print retrieved document, without first displaying the document or

requiring any additional information from the **user** .

I

FIGM 15

Instant Delivery -MICROSOFT INTERNET EXPLORER

FILE EDIT VIEW GO FAVORITES HELP

--\*- (@@ @@ n...

...bu@dthe largecthuman-edited directory of the Web - Become 2m Ritor

LJ 0 [I My **COMPUTER**

INTERNATIONAL SEARCH REPORT Intei )nal

19/3,K/7 (Item 7 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00741576

**SPEAKERPHONE IS ALSO MODULE FOR VIDEO CONFERENCING SYSTEM**  
**TELEPHONE A HAUT-PARLEUR SERVANT EGALEMENT DE MODULE POUR SYSTEME DE**  
**VIDEOCONFERENCE**

Patent Applicant/Assignee:

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Eindhoven, NL, NL (Residence), NL (Nationality)

Inventor(s):

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YANG Weizhong, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL  
ASH Daniel A, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL

Legal Representative:

DEGUELLE Wilhelmus H G, Internationaal Octrooibureau B.V., Prof Holstlaan  
6, NL-5656 AA Eindhoven, NL

Patent and Priority Information (Country, Number, Date):

Patent: WO 200054502 A1 20000914 (WO 0054502)  
Application: WO 2000EP1344 20000218 (PCT/WO EP0001344)  
Priority Application: US 99264058 19990308

Designated States:

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AU BR CN JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 6907

Main International Patent Class: **H04N-007/14**

Fulltext Availability:

Detailed Description

Detailed Description

... for a specific network interface, for example, for ISDN, PSTN, POTS, etc. Therefore, if the **user** wishes to go from, e.g., a PSTN-based speakerphone to, e.g., an ISDN...

...audio communications based on a single protocol, and neither offer other protocol interfaces nor provide **data transfer** mechanisms. The invention now provides a **communication** system that is modular and flexible. The invention allows the same apparatus to interface with...

...as, PSTN, ISDN, LAN, etc. In addition, the speakerphone has an IrDA port for enabling **data transfer** via infrared. IrDA (Infrared Data Association) is an organization that is sponsored by the industry for establishing international standards regarding...

...modulated and sent from a transmitter to a receiver over a relatively short distance. Infrared **data** transport has become important in wireless **data communication** due to the popularity of, e.g., laptop **computers**, personal digital assistants (PDAs), digital cameras, etc. For example, an IrDA link enables **communicating** a **file** between a notebook **computer** and another data processing system. The IrDA link requires dedicated hardware and software. According to the IrDA- 1. 1 standard, the maximum **data** size that may be **transmitted** is 2048 bytes and the maximum transmission rate is 4 Mbps.

Fig. 1 is a...

**19/3,K/8 (Item 8 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00576655 \*\*Image available\*\*

**ELECTRONIC PROGRAMME SCHEDULING SYSTEM**

**SYSTÈME ÉLECTRONIQUE DE PLANIFICATION DE PROGRAMMES**

Patent Applicant/Assignee:

NTL GROUP LIMITED,  
LANG Jack Arnold,  
STRICK Michael,

Inventor(s):

LANG Jack Arnold,

STRICK Michael,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200040028 A1 20000706 (WO 0040028)  
Application: WO 99GB4412 19991223 (PCT/WO GB9904412)  
Priority Application: GB 9828591 19981223  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD  
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF  
CG CI CM GA GN GW ML MR NE SN TD TG  
Publication Language: English  
Fulltext Word Count: 10773

Main International Patent Class: H04N-007/1730

Fulltext Availability:

Detailed Description

Detailed Description

... VCR or DVD recorder and, in general, any programme receiving device.

In Figure I the **set top box** is generally illustrated at I 0 and comprises a **microprocessor** 12 coupled to random access memory (RAM) 14, ROM 16 and peripheral component interconnect (PCI) bridge 20 by **processor** bus 18. ROM 16 holds system BIOS (Basic Input Output System) and operating software, the BIOS interfacing between the operating software and the **STB** hardware. If desired, the BIOS ROM can instead be coupled to the **processor** via the low speed ISA bus 44. PCI bus 22 is driven by PCI bridge 20 and is suitable for high speed **data transfer** although it is slower than **processor** bus 18. Optionally, hard/floppy disk controller 26 and disk drive 28, and digital versatile disk (DVD) drive and controller 30 are coupled to the **processor** via the PCI bus 22. To the ISA bus is attached non-volatile RAM 32...

...for example, userinputinfonnation;  
realtifneclock34;smartcardinterface36forsmartcard37and infrared control link device 38. Commands are issued to the **set top box** by the **user** using a **hand held** infrared remote control **unit** 40 or infrared keyboard 41 which communicates with control link device 38.

Industry standard architecture...

19/3,K/9 (Item 9 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00576654 \*\*Image available\*\*  
**USER GROUP IDENTIFICATION SYSTEM**  
**SYSTEME D'IDENTIFICATION DE GROUPES D'UTILISATEURS**  
Patent Applicant/Assignee:  
NTL GROUP LIMITED,  
LANG Jack Arnold,  
STRICK Michael,

Inventor(s):

LANG Jack Arnold,  
STRICK Michael,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200040027 A1 20000706 (WO 0040027)  
Application: WO 99GB4409 19991223 (PCT/WO GB9904409)  
Priority Application: GB 9828594 19981223

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD  
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF  
CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 9332

Main International Patent Class: H04N-007/173

Fulltext Availability:

Detailed Description

Detailed Description

... VCR or DVD recorder and, in general, any programme receiving device.

In Figure 1 the **set top box** is generally illustrated at 10 and comprises a **microprocessor** 12 coupled to random access memory (RAM) 14, ROM 16 and peripheral component interconnect (PCI) bridge 20 by **processor** bus 18. ROM 16 holds system BIOS (Basic Input Output System) and operating software, the BIOS interfacing between the operating software and the **STB** hardware. If desired, the BIOS ROM can instead be coupled to the **processor** via a the low speed ISA bus 44. PCI bus 22 is driven by PCI bridge 20 and is suitable for high speed **data transfer** although it is slower than **processor** bus 18. Optionally, hard/floppy disk controller 26 and disk drive 28, and digital versatile disk (DVD) drive and controller 30 are coupled to the **processor** via the PCI bus 22. To the ISA bus is attached non-volatile RAM 32 for storing, for example, **user** input information; real time clock 34; smart card interface 36 for smartcard 37 and infrared control link device 38. Commands are issued to the **set top box** by the **user** using a **hand held** infrared remote control **unit** 40 or infrared keyboard 41 which communicates with control link device 38.

Industry standard architecture...

19/3,K/10 (Item 10 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00576653 \*\*Image available\*\*

**AUTOMATIC ELECTRONIC PROGRAMME SCHEDULING SYSTEM**

**SYSTEME DE PLANIFICATION AUTOMATIQUE ELECTRONIQUE DE PROGRAMMES**

Patent Applicant/Assignee:

NTL GROUP LIMITED,  
LANG Jack Arnold,

STRICK Michael,  
Inventor(s):  
LANG Jack Arnold,  
STRICK Michael,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200040026 A1 20000706 (WO 0040026)  
Application: WO 99GB4408 19991223 (PCT/WO GB9904408)  
Priority Application: GB 9828589 19981223  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD  
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF  
CG CI CM GA GN GW ML MR NE SN TD TG  
Publication Language: English  
Fulltext Word Count: 14737

Main International Patent Class: H04N-007/173

Fulltext Availability:

Detailed Description

Detailed Description

... VCR or DVD recorder and, in general, any programme receiving device.

In Figure 1 the **set top box** is generally illustrated at 10 and comprises a **microprocessor** 12 coupled to random access memory (RAM) 14, ROM 16 and peripheral component interconnect (PCI) bridge 20 by **processor** bus 18. ROM 16 holds system BIOS (Basic Input Output System) and operating software, the BIOS interfacing between the operating software and the **STB** hardware. If desired, the BIOS ROM can instead be coupled to the **processor** via the low speed ISA bus 44. PCI bus 22 is driven by PCI bridge 20 and is suitable for high speed **data transfer** although it is slower than **processor** bus 18. Optionally, hard/floppy disk controller 26 and disk drive 28, and digital versatile disk (DVD) drive and controller 30 are coupled to the **processor** via the PCI bus 22. To the ISA bus is attached non-volatile RAM 32 for storing, for example, **user** input information; real time clock 34; smart card interface 36 for smartcard 37 and infrared control link device 38. Commands are issued to the **set - top box** by the **user** using a **hand held** infrared remote control **unit** 40 or infrared keyboard 41 which communicates with control link device 38.

Industry standard architecture...

19/3,K/11 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00576652 \*\*Image available\*\*  
**ELECTRONIC PROGRAMME BREAK REPLACEMENT SYSTEM**  
**SYSTEME ELECTRONIQUE DE REMPLACEMENT DES COUPURES DE PROGRAMME**  
Patent Applicant/Assignee:  
NTL GROUP LIMITED,

LANG Jack Arnold,  
STRICK Michael,  
Inventor(s):  
LANG Jack Arnold,  
STRICK Michael,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200040025 A1 20000706 (WO 0040025)  
Application: WO 99GB4416 19991223 (PCT/WO GB9904416)  
Priority Application: GB 9828585 19981223  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD  
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF  
CG CI CM GA GN GW ML MR NE SN TD TG  
Publication Language: English  
Fulltext Word Count: 9532

Main International Patent Class: H04N-007/16

International Patent Class: H04N-007/173

Fulltext Availability:

Detailed Description

Detailed Description

... VCR or DVD recorder and, in general, any programme receiving device.

In Figure 1 the **set top box** is generally illustrated at 10 and comprises a **microprocessor** 12 coupled to random access memory (RAM) 14, ROM 16 and peripheral component interconnect (PCI) bridge 20 by **processor** bus 18. ROM 16 holds system BIOS (Basic Input Output System) and operating software, the BIOS interfacing between the operating software and the **STB** hardware. If desired, the BIOS ROM can instead be coupled to the **processor** via the low speed ISA bus 44. PCI bus 22 is driven by PCI bridge 20 and is suitable for high speed **data transfer** although it is slower than **processor** bus 18. Optionally, hard/floppy disk controller 26 and disk drive 28, and digital versatile disk (DVD) drive and controller 30 are coupled to the **processor** via the PCI bus 22. To the ISA bus is attached non-volatile RAM 32 for storing, for example, **user** input information; real time clock 34; smart card interface 36 for smartcard 37 and infrared control link device 38. Commands are issued to the **set top box** by the **user** using a **hand held** infrared remote control **unit** 40 or infrared keyboard 41 which communicates with control link device 38.

Industry standard architecture...

19/3,K/12 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00570196 \*\*Image available\*\*  
FAST FOCUS ASSESSMENT SYSTEM AND METHOD FOR IMAGING  
SYSTEME RAPIDE DE MISE AU POINT ET PROCEDE D'IMAGERIE

Patent Applicant/Assignee:

IRISCAN INC,

Inventor(s):

DAUGMAN John G,

Patent and Priority Information (Country, Number, Date):

Patent: WO 2000033569 A1 20000608 (WO 0033569)

Application: WO 99US28031 19991124 (PCT/WO US9928031)

Priority Application: US 98109960 19981125

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU  
TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG  
CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 8243

Main International Patent Class: H04N-005/232

Fulltext Availability:

Detailed Description

Detailed Description

... system automatically adjusts to bring the virtual image 1 15 into sharp focus to the **user**, it cannot be relied upon to always accurately focus the eye image on the...

...is used in one embodiment, as shown in Fig. 5. Video image information from the **handheld** imaging **device** 100 is received as an analog video signal which conforms to a standard format such as NTSC or PAL. In these formats **video** frames are **transmitted** at a rate of 25 (PAL) or 30 1 0 (NTSC) frames per second. The analog image **data** is **transmitted** to an analog-to-digital converter 405 and stored in a frame buffer memory 41  
...

...2, and capable of storing one complete frame of digitized video information. A focus assessment **processor** 420 accesses the digitized image information and applies certain measurement routines which are described below. The output of the focus assessment **processor** 420 is used to control an indicator, such as the audible indicator 3 1 0. As long as the focus assessment **processor** 420 determines that the captured image is not acceptable for further processing and comparison, the audible indicator 3 1 0 is directed to emit periodic sounds to alert the **user**. Images are repeatedly acquired and assessed until an acceptable one is received. After an acceptable image is received, the audible indicator 3 1 0 is turned...

...the final image is retained for further processing and comparison, for example, by the **microprocessor** 21 0, as described above.

With respect to the preferred system and method for focus...

19/3,K/13 (Item 13 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00554681     \*\*Image available\*\*

**METHODS AND APPARATUS FOR MULTIMEDIA NETWORKING SYSTEMS**

**PROCEDES ET DISPOSITIFS POUR SYSTEMES DE RESEAUTAGE MULTIMEDIA**

Patent Applicant/Assignee:

    DANIELS John J,

Inventor(s):

    DANIELS John J,

Patent and Priority Information (Country, Number, Date):

    Patent:                   WO 200018054 A2 20000330 (WO 0018054)

    Application:            WO 99US21900 19990921 (PCT/WO US9921900)

    Priority Application: US 98101416 19980922; US 98107588 19981109; US 98113142 19981218; US 99126226 19990325; US 99132066 19990430

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

    AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 60214

Main International Patent Class: **H04N-005/76**

Fulltext Availability:

    Detailed Description

    Detailed Description

    ... remote control unit.

    Figure 3(h) is a block diagram showing the components of the **set top box** shown atop the VCR in Figure 3(e) and the remote control unit; I Figure...

    ...i) is a block diagram of an embodiment of the inventive multimedia network having a **computer node** with multiple TV channel tuning capabilities, and a manual **user** selectable local channel frequency selection means for assigning the local channels containing the **computer** video output and the device video output in a manually defined manner; Figure 30) is...

    ...block diagram showing an embodiment of the inventive multimedia network configured for allowing multiple simultaneous **users** of a single **computer** with separate **computer** generated video information displayed on three 1 1 remotely located televisions or other display devices...

    ...the inventive multimedia network;

    Figure 3(l) is a flow chart for enabling multiple simultaneous **users** of a single **computer** with separate **computer** generated video information displayed on three remotely located televisions or other display devices connected to...

    ...1 8 device remote control signal detector and a device status detector

transferring video,  
audio and/or **computer** data as a digital and/or analog signal;  
Figure I I is a block diagram...

...any TV on the inventive multimedia network; Figure 12 shows the details of a distributed **computer** -enabled **set top box** capabilities distributed over the inventive multimedia network;  
1 1 Figure 13 is a block diagram...

...a block diagram showing an example configuration of the inventive multimedia network containing multi-purpose **nodes** distributed over a pre-existing coaxial cable television network;  
Figure 22 is a continuation of...

...network shown in Figure

21;

Figure 25 is a perspective view of a wireless multimedia **computer** for use with the wireless distribution **node** of the inventive multimedia network shown in Figure 24; Figure 26 is a schematic side view showing parts of the wireless **computer** shown in Figure 24;

Figure 27(a) is a front view of a wireless display **terminal** or use with the wireless distribution **node** of the inventive multimedia network shown in Figure 24; Figure 27(b) is a perspective view of a wireless display **terminal** or use with the wireless distribution **node** of the inventive multimedia network shown in Figure 24; Figure 28(a) is an isolated view of a touch screen **user** input device and LCD display screen, with a block diagram showing the components of an embodiment of the

3 1 inventive wireless display **terminal** ;

Figure 28(b) is a front view of an embodiment of the inventive wireless display **terminal** having an attachable touch screen/display unit that can be attached to a selfcontained wireless **computer** as shown in Figure 26, with a wireless component unit attached to the touch screen/display unit;

Figure 28(c) is a front view of the wireless display **terminal** shown in Figure

28(b) having the wireless component unit being detached;

Figure 28(d) shows an embodiment of the inventive wireless display **terminal**

mounted on a keyboard stand;

Figure 28(e) shows the wireless display **terminal** being detached from the keyboard stand;

Figure 28(f) shows the wireless display **terminal** having the keyboard stand being placed in a stowed position;

Figure 28(g) shows the wireless display **terminal** having the keyboard stand disposed in the stowed position behind the display screen;

Figure 28(h) shows the wireless display **terminal** having the keyboard stand disposed itiih@protective position in front of the display screen;

Figure 28(i) shows a wireless display **terminal** having an internally disposed directional antenna for use in communicating with the remote **computer** , devices 1 1 connected with the multimedia network, wireless modem, and/or radio telephone; Figure 280) is a side view showing the wireless display **terminal** shown in Figure 28(i) and showing an

Figure 55 is a flowchart showing the operation of a **computer** controlled via software to enable a security alert feature in accordance with the present invention; Figure 56 is a flowchart showing the operation of a **computer** controlled via software to enable scheduling features in accordance with the present invention; Figure 57 is a flowchart showing the operation of a **computer** controlled via software to enable a home reference system feature in accordance with the present invention;

Figure 58 is a flowchart showing the operation of a **computer** controlled via software to enable an Internet-based alert feature in accordance with the present invention-,'@,'

Figure 59 is a flowchart showing the operation of a **computer** controlled via software to enable an email alert feature in accordance with the present invention...

...devices connected with the inventive multimedia network; Figure 60(b) shows a configuration of a **set top box** for use with the inventive multimedia network;

Figure 60(c) shows an inventive wireless display **terminal** for use within range of a multimedia network identified on the network via addressable handshake...

...and for use outside the range of the network for use as a stand-alone **personal digital assistant**, pager, cellular telephone, etc.;

Figure 60(d) shows an inventive wireless display **terminal** in use for controlling devices connected with the multimedia network through control signals communicated via a central **computer**;

Figure 60(e) shows an inventive wireless display **terminal** connected with a central **computer** of an inventive multimedia network having multiple **computer** display local channels;

Figure 60(f) shows a variety of wireless display **terminals** connected and communicating with each other through control signals via a central **computer**; Figure 60(g) shows a plurality of wireless display **terminals** in use in a class room setting;

Figure 60(h) shows a wireless display **terminal** connected with a multimedia network having the capability of displaying TV (NTSC) and high-definition ( **computer** 3 1 monitor, HDTV) display images;

Figure 60(i) illustrates a home multimedia network that connects with display, input and control devices throughout the home, and that communicates with a **computer** system located in a vehicle **node** when the vehicle is in the home garage;

Figure 60(j) illustrates a home multimedia like at a central **computer** and distributed via bridge circuits throughout the home via coaxial cable, phone line and electrical...

...a child's toy having sensors and input mechanisms used for communicating with a remote **computer** via a wireless transmission and reception circuitry and display output and toy movement controlled in response to control signals

Detailed Description  
... shown, integrated  
associated data display and request input interface device 200 includes  
communication interface 202, **microprocessor** 204, memory 206 and display  
element 208, coupled to each other as shown. These elements are packaged  
with enclosure 212 having physical dimensions consistent with **hand**  
**held**  
20  
**devices** known in the art, to allow a **user** to comfortably operate the  
device while holding the device in his/her hands. For the...  
...embodiment, exemplary integrated associated data display and request  
input interface device 200 is also  
provided with stylus input 210 to allow a user to interact with a graphical end  
**user** interface to provide associated **data** request inputs.  
Furthermore,  
**communication** interface 202 is a wireless transmitter/receiver, whereas  
display  
element 208 is a flat panel...  
...intended to  
represent a broad category of these elements known in the art. In  
particular, **microprocessor** 204 are intended to represent 8-bit  
micro-controllers, 16-bit IDSP **processors**, as well as 32-bits or  
greater general purpose **microprocessors**.

Figure 8 illustrates an alternate functional view of data stream  
consumption aspect of the system...

19/3,K/15 (Item 15 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT  
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00526548 \*\*Image available\*\*  
**VIDEOPHONE WITH ENHANCED USER DEFINED IMAGING SYSTEM**  
**VISIOPHONE A SYSTEME AMELIORE DE FORMATION D'IMAGES DEFINI PAR**  
**L'UTILISATEUR**

Patent Applicant/Assignee:

MYERS John Karl,

Inventor(s):

MYERS John Karl,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9957900 A1 19991111

Application: WO 99US9515 19990501 (PCT/WO US9909515)

Priority Application: US 9884001 19980503

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE  
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN  
YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE  
CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN  
GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 51671

Main International Patent Class: H04N-007/14

Fulltext Availability:  
Detailed Description

Detailed Description

... Station, comprising the Video Receiver; of claim 7; Video Sender of claim 6; whereby the **users** can both send essential information and view presentations of one or more other **users** and their environments - 20 The present invention includes method and apparatus for providing a Videophone...

...Internet; (b) a Local Area Network or Wide Area Network; (c) the telephone network; (d) **computer** tape; (...of said presentation device(s) comprises one or more of the following devices: (a) a **computer** monitor; 1 5 (b) a television; (c) a high-definition television; (d) a flat-panel...

...a 3-D head-mounted display; (O a system comprising a 3-D movie or **computer** monitor display, using lenticular lens gratings or LCID light-shutter devices in a flat panel...

...top device connected to a TV set or monitor, including cable boxes and family game **computer** systems; (m) a fax machine; (n) a cellular TV, picture-phone or videophone; (o) a...

...that projects an image directly onto the viewer's fovea; (u) a headset or wearable **computer** or fabric **computer** ; (v) a window display on a vehicle such as an automobile, truck, bus, plane, helicopter...

....w) a neural transmitter that creates sensations directly in a viewer's body; (x) a **computer** -based movie projector or projection TV; (y) a hand - held game device ; (z) a **palmtop** , laptop, notebook, or personal assistant **computer** ; (aa) a screen display built into a seat or wall for use in the home, on airlines, inside cars, or in other vehicles; (bb) a **computer** monitor used in an arcade game or home **computer** game; (cc) a screen or speaker integrated with an appliance such as a refrigerator, toaster...

...repositioning, restaging, or changing in a combination of such enhancements the sensory appearance of such **users** and/or such **users** ' environments, where such formatting information may include such forms as software "plug-ins" (external subroutines...among others, and where such formatting information is selected by a person or by a **computer** program, transferred into said presentation system, and used by said presentation system along with said essential information in creating said sensory appearances of the one or more **users** and the **users** ' environments.

The present invention includes method and apparatus for providing a Presentation Construction Subsystem, wherein...

19/3,K/16 (Item 16 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00504487 \*\*Image available\*\*  
**A HAND-HELD APPARATUS FOR SIMULATING TWO WAY CONNECTIVITY FOR ONE WAY DATA STREAMS**

APPAREIL PORTABLE POUR SIMULATION A CONNECTIVITE BIDIRECTIONNELLE POUR  
TRAIN DE DONNEES UNIDIRECTIONNELS

Patent Applicant/Assignee:

INTEL CORPORATION,  
HARRISON Edward R,  
CALL Dale R,  
THROCKMORTON John A,  
PERRY Burt,

Inventor(s):

HARRISON Edward R,  
CALL Dale R,  
THROCKMORTON John A,  
PERRY Burt,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9935839 A1 19990715  
Application: WO 98US27441 19981222 (PCT/WO US9827441)  
Priority Application: US 983403 19980106

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AL AM AT AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ DE DE DK DK EE EE ES  
FI FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK SL TJ TM TR  
TT UA UG US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU  
TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG  
CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 8091

Main International Patent Class: H04N-007/10

Fulltext Availability:

Detailed Description

Detailed Description

... shown,  
integrated associated data display and request input interface device 200  
includes communication interface 202, **microprocessor** 204, memory 206  
and display element 208, coupled to each other as shown. These elements  
are packaged with enclosure 212 having physical dimensions consistent  
with **hand held devices** known in the art, to allow a **user** to  
comfortably  
operate the device while holding the device in his/her hands. For the...

...request input interface device 200 is also provided with stylus input  
210 to  
allow a **user** to interact with a graphical end- **user** interface to  
provide  
associated **data** request inputs. Furthermore, **communication** interface  
202  
is a wireless transmitter/receiver, whereas display element 208 is a flat  
panel...

...intended to represent a broad  
category of these elements known in the art. In particular,  
**microprocessor**  
204 are intended to represent 8-bit micro-controllers, 16-bit DSP  
**processors**, as well as 32-bits or greater general purpose  
**microprocessors**.

Figure 8 illustrates an alternate functional view of data stream consumption aspect of the...

19/3,K/17 (Item 17 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00504475 \*\*Image available\*\*

**TV BROADCAST VAN AND PORTABLE REPLAY DEVICE**

**FOURGONNETTE DE TELEDIFFUSION ET DISPOSITIF PORTABLE DE LECTURE**

Patent Applicant/Assignee:

VERNA Tony,

Inventor(s):

VERNA Tony,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9935827 A1 19990715

Application: WO 99US604 19990112 (PCT/WO US9900604)

Priority Application: US 9871119 19980112; US 98110468 19981130

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 25220

Main International Patent Class: H04N-005/38

International Patent Class: H04N-005/222

Fulltext Availability:

Claims

Claim

... and reviewing signal segments of claim 1,  
wherein the reviewing system is responsive to a **user** -flag-signal. 104.  
The system for selecting and reviewing signal segments of claim 103,  
wherein the **user** -flag-signal comprises an audio signal. 105. The system  
for selecting and reviewing signal segments of claim 103, wherein the  
reviewing system, in response to the **user** -flag-signal, flags a portion  
of at least one signal segment. 106. The system for...

...and reviewing signal segments of claim 103, wherein the reviewing  
system, in response to a **user** -rewind-signal, reviews information  
included in the flagged portion of at least one signal segment...

...signal segment is derived from at least one image derived from at least  
one signal **transmitted** by a **video** signal source provider. ...device  
for reviewing signal segments of claim 1 12, wherein the  
manipulating means comprises a **microprocessor** for controlling the  
functions of the manipulating means.  
120. The device for reviewing signal segments...component selected from  
the group  
consisting of a video screen, an audio speaker and a **microprocessor**.

138. The device for reviewing signal segments of claim 108, wherein the reviewing system is adapted for **hand - held** use. - 55 . The **device** for reviewing signal segments of claim 108, further including means for transmitting control signals. 140...

...for reviewing signal segments of claim 108, wherein the reviewing device is responsive to a **user** -flag-signal. 147. The device for reviewing signal segments of claim 146, wherein the userflag...

...for reviewing signal segments of claim 146, wherein the reviewing device, in response to the **user** -flag-signal, flags a portion of at least one signal segment.

149. The device for reviewing signal segments of claim 146, wherein the reviewing device, in response to a **user** -rewind-signal, reviews information included in the flagged portion of at least one signal segment...selecting and reviewing signal segments of claim 15 1, wherein the signal comprises a signal **transmitted** to viewers by a **video** signal source provider. 15 156. The method for selecting and reviewing signal segments of claim 155, wherein the signal comprises a signal essentially identical to a signal **transmitted** to viewers by a **video** signal source provider. 157. The method for selecting and reviewing signal segments of claim 15...and reviewing signal segments of claim 15 1, wherein the receiving signal step uses a **microprocessor** for controlling the functions performed during the receive signal step. - 58 . The method for selecting...reviewing signal segments of claim 15 1, wherein the transmitting signal segment step uses a **microprocessor** for controlling the functions performed during the transmitting step. 197. The method for selecting and...

...segments of claim 15 1, wherein the signal segment is essentially identical to a signal **transmitted** to viewers by a **video** signal provider. 199. The method for selecting and reviewing signal segments of claim 15 1...

...signal segment is derived from at least one image derived from at least one signal **transmitted** by a **video** signal source provider. - 60 . The method for selecting and reviewing signal segments of claim 1...for selecting and reviewing signal segments of claim 203, wherein the manipulating step uses a **microprocessor** for controlling the functions of the manipulating step. 210. The method for selecting and reviewing... component selected from the group consisting of a video screen, an audio speaker and a **microprocessor** . I 0 228. The method for selecting and reviewing signal segments of claim 15 1...

...reviewing signal segments of claim 15 1, further including the step, in response to a **user** -flag-signal, of flagging a signal 1 5 segment received by the reviewing system. 239. The method for selecting and reviewing signal segments of claim 23 8, wherein the **user** -flag-signal comprises an audio signal. 240. The method for selecting and reviewing signal segments of claim 238, further including the step, in response to the **user** -flag-signal, of flagging a portion of at least one signal segment. 241. The method the step, in response to a **user** -rewind-signal, of reviewing information included in the flagged portion of at least one signal...

...The method for reviewing signal segments of claim 243, wherein the manipulating step uses a **microprocessor** for controlling the functions performed during the manipulating step.

254. The method for reviewing signal...component selected from the group consisting of a video screen, an audio speaker and a **microprocessor**.  
272. The method for reviewing signal segments of claim 243, further including the step of...

...for reviewing signal segments of claim 243, further including the step of responding to a **user** -flag-signal. 280. The method for reviewing signal segments of claim 279, wherein the userflag...

...for reviewing signal segments of claim 279, further including the step, in response to the **user** -flag-signal, of flagging a portion of at least one signal segment. 282. The method for reviewing signal segments of claim 279, further including the step, in response to a **user** -rewind-signal, of reviewing information

19/3, K/18 (Item 18 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT  
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00467030 \*\*Image available\*\*

MULTI-FUNCTIONAL PROCESSING SYSTEM WITH BUILT-IN NON-MOVABLE STORAGE MEDIUM  
SYSTEME DE TRAITEMENT MULTIFONCTIONNEL COMPORTANT UN SUPPORT DE DONNEES NON  
MOBILE INCORPORE

Patent Applicant/Assignee:

LEWIS William H,

Inventor(s):

LEWIS William H,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9857495 A1 19981217

Application: WO 98US12281 19980611 (PCT/WO US9812281)

Priority Application: US 97873584 19970612

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH  
GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES  
FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD  
TG

Publication Language: English

Fulltext Word Count: 4605

Main International Patent Class: H04N-005/91

Fulltext Availability:

Detailed Description

Detailed Description

... or more of data feed lines 10a-10n is sent to the processing means 13.

**Microprocessor** 12 controls which processing functions (if any) are applied to the received data. Additionally, **microprocessor** 12 controls any playback features that are subject to **User** input (e.g. pause, stop, record, fast forward, etc). **User** interface 17 allows the **user** to directly control which processing functions will be applied to the received **data** as it is **transmitted** through the processing means 13 by transmitting a control signal 16 which the **microprocessor** 12 receives,

interprets and uses to control the processing means 13 based on the **user**'s specifications. **User** interface 17 may include a system for local on screen programming using an infrared or other **hand - held** remote control **device** to produce the control signal 16. Alternatively, the **user** interface 17 may be an on-unit interface featuring control pad buttons which activate the...

19/3,K/19 (Item 19 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00439555 \*\*Image available\*\*  
**IMAGE DATA PROCESSING SYSTEM**  
**SYSTEME SERVANT A TRAITER DES DONNEES D'IMAGE**

Patent Applicant/Assignee:

CASIO COMPUTER CO LTD,  
SANBONGI Masao,  
TAGI Minoru,

Inventor(s):

SANBONGI Masao,  
TAGI Minoru,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9830019 A1 19980709  
Application: WO 97JP4603 19971215 (PCT/WO JP9704603)  
Priority Application: JP 96346201 19961225

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CA CN KR SG US CH DE ES FR GB IT NL

Publication Language: English

Fulltext Word Count: 8135

Main International Patent Class: H04N-001/21

Fulltext Availability:

Detailed Description

Detailed Description

... of photographs taken after preset photographing start time and outputs the obtained result to the **CPU** ill

The PDA 2 **transmits** image **data** , **data** of time at which the image data was photographed, GPS data, vertical/horizontal data, number...

...format to the image data processing unit 3 according to a transmission command by the **user** .

FIG. 3 is a block diagram showing the construction of the main portion of the...

19/3,K/20 (Item 20 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00347126 \*\*Image available\*\*  
**INTERACTIVE TRANSACTION MANAGEMENT MULTIMEDIA SYSTEM**  
**SYSTEME MULTIMEDIA INTERACTIF DE GESTION DE TRANSACTIONS**

Patent Applicant/Assignee:

ZOOM TELEVISION INC,  
BRINDZE Paul L,  
TUULY Geoffrey A,

Inventor(s):

BRINDZE Paul L,  
TUULY Geoffrey A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9629639 A2 19960926  
Application: WO 96US4027 19960321 (PCT/WO US9604027)  
Priority Application: US 95410132 19950323; US 95590268 19951121

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG  
KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG  
SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AT BE CH DE DK ES FI  
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 17000

...International Patent Class: H04N-07:16

Fulltext Availability:

Detailed Description

Detailed Description

... periods of time within which  
the use is permitted, or any combination thereof

4

The **terminal** control means can have a **handheld** remote control **unit** for receiving at least a portion of the operator input. Preferably the transaction **terminal** includes a key memory for storing **user** authorization data to be compared with **user** input, the control means inhibiting at least some operations of the first drive unit unless the **user** input matches a predetermined portion of the authorization **data**. The system can further include means for **updating** the key memory using the transaction interface. The authorization data can include a key code...

19/3,K/21 (Item 21 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00331422 \*\*Image available\*\*

**TELEPHONE APPARATUS AND METHODS USING COMPRESSED CODES**  
**POSTE TELEPHONIQUE ET PROCEDES FAISANT APPEL A DES CODES COMPRIMES**

Patent Applicant/Assignee:

GEMSTAR DEVELOPMENT CORPORATION,

Inventor(s):

KWOH Daniel S,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9613933 A1 19960509  
Application: WO 95US14159 19951101 (PCT/WO US9514159)  
Priority Application: US 94332994 19941101

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP  
KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ  
TM TT UA UZ VN KE LS MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU  
MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 17038

Main International Patent Class: H04N-005/76

Fulltext Availability:

Detailed Description

Detailed Description

... is initial setup data that otherwise would have to be manually keyed in by the **user**. Instead, the **user** can call a **customer** service representative on the telephone and orally give the representative the information necessary to perform the initial setup. The representative then enters the necessary information into a **computer** which, in ... controller, instead of into the video recorder directly, in any of the ways that the **data** can be **transmitted** to the **video recorder**. Thereafter, the **data** is retransmitted from the VCR remote control to the **video recorder** through infrared remote control signals **transmitted** by the VCR remote and received by the video recorder

In any of these embodiments...

19/3,K/22 (Item 22 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00315185

DYNAMICALLY PROGRAMMABLE DIGITAL ENTERTAINMENT TERMINAL  
TERMINAL NUMERIQUE DE LOISIRS DYNAMIQUEMENT PROGRAMMABLE

Patent Applicant/Assignee:

BELL ATLANTIC NETWORK SERVICES INC,

Inventor(s):

KOSTRESKI Bruce,  
LEW Eugene L,  
HUDSON Henry G,  
O'CALLAGHAN Daniel,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9533338 A1 19951207

Application: WO 95US6841 19950526 (PCT/WO US9506841)

Priority Application: US 94250791 19940527

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP  
KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ  
TT UA UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT  
SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 12628

Main International Patent Class: H04N-007/173

Fulltext Availability:

Detailed Description

Detailed Description

... to present menus and prompts in a much more graphical form approaching virtual reality. one **user** interface for interactive services might emulate a shopping mall. The precise presentation to the **user** displayed on the television set is determined by the software downloaded by the service provider...

...interface devices. In the example illustrated in Figure 1, the DET 100 includes an IR **transmitter** 147. The **transmitter** 147 responds to digital **data** signals from the **microprocessor** 110 and outputs corresponding IR signals for wireless transmission. The IR transmitter 147 and IR receiver 145 may operate together to provide a two-way wireless **data communication** link to some remote device, such as a personal data assistant ( **PDA** ) or **pocket** organizer.

Alternatively, the IR transmitter may send signals to a remote display device for use...

STB  
Webcomters  
with PDA

19/3, K/23 (Item 23 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00296906

**METHOD AND APPARATUS FOR DOWNLOADING INFORMATION**

**PROCEDE ET DISPOSITIF DE TELECHARGEMENT DE DONNEES**

Patent Applicant/Assignee:

TIMEX CORPORATION,  
JACOBS Michael A,  
INSERO Mark A,

Inventor(s):

JACOBS Michael A,  
INSERO Mark A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9515057 A1 19950601  
Application: WO 94US10931 19940927 (PCT/WO US9410931)  
Priority Application: US 93155326 19931122

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU BR CA CN JP US AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 8169

Main International Patent Class: H04N-007/00

Fulltext Availability:

Detailed Description

Detailed Description

... is a simplified partial elevational view of a preferred embodiment of the invention illustrating a **data transfer** system in which the **data transmitter** is a CRT monitor used in conjunction with a personal **computer**, and in which the information device is a

3

multifunction electronic wrist instrument,

Fig. 2...

...during one CRT frame period, Fig. 6 is a graph depicting receipt of asynchronous serial **data transmitted** by the portable information device during the same CRT frame period corresponding to Fig. 5...

...referred to as Fig. 1 1) are a flow chart depicting the operation of a **user** interface protocol, Fig. 12 is a simplified, partial elevational view of a modified **data transfer** system using a CRT monitor of a personal **computer** as a **data transmitter** and using a hand held telephone menu and appointment scheduling device serving as the portable information device, Fig. 13 is a top plan view of the **hand held device**, Fig. 14 is a bottom plan view of the **hand held device**, and Fig. 15 is an elevational view of a CRT screen display illustrating an alternate arrangement of **data transfer** patterns.

#### DESCREMON OF THE PREFERRED EMBODIMENT

Referring to Fig. I of the drawing, a controllable...

19/3,K/24 (Item 24 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00237373 \*\*Image available\*\*  
RF BROADCAST AND CABLE TELEVISION DISTRIBUTION SYSTEM AND TWO-WAY RF COMMUNICATION  
SYSTEME DE DIFFUSION RADIOPHONIQUE ET DE TELEDISTRIBUTION, ET COMMUNICATION RADIOPHONIQUE BIDIRECTIONNELLE

Patent Applicant/Assignee:

INLINE CONNECTION CORPORATION,

Inventor(s):

GOODMAN David D,

DOMNITZ Robert H,

MAHN Terry G,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9311637 A1 19930610

Application: WO 92US10330 19921204 (PCT/WO US9210330)

Priority Application: US 91803196 19911205; US 91803135 19911205; US 91802738 19911205

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU BR CA CS FI HU JP KR NO PL RU AT BE CH DE DK ES FR GB GR IE IT LU MC  
NL PT SE

Publication Language: English

Fulltext Word Count: 82713

Main International Patent Class: H04N-007/14

Fulltext Availability:

Detailed Description

Detailed Description

... common exceptions are residences where all jacks are directly connected to a central electronic switch[ **processor** ]. In U.S. Patent Application 5,,010,,399, an

adapter is described that provides a...signals commonly adhere to  
- 15

or

commercial broadcast standards, such as NTSC, PAL,  
SECAM, the **video** transmitters and receivers of U,S, Patent  
No, 5,010,399 can be used to...

...connected to video  
receivers on the telephone wiring network. At the same  
time, remote control **units** (such as a **hand held device** that  
transmits infrared (IR) control signals) usable with the  
converter box can control the converter...

...the  
vicinity of the remote control unit (such as in the same  
room as the **user**), and the electrical signals are sent from  
that video receiver over the telephone network to the **video**  
**transmitter** associated with the converter box, That **video**  
**transmitter** recreates the infrared pattern and broadcasts  
it through the air for reception by the...master controller 316 via  
control signals from  
5 infrared (IR) transmitters (such as an ordinary, **hand - held**  
IR remote control **unit** 307,I) that are **transmitted** to  
RF/ **video processor** 312 via telephone wiring 302, As  
discussed in U.S. Patent No, 5,010,399...

...302,, and  
transmitted onto the network 302, The control signals are  
detected by RF/video **processor** 312 and converted to digital  
signals (also using techniques that are described in U,S...off.)  
Communication between video receivers and video  
transmitters does not, however, provide a system for  
**communication** between a viewer and RF/ **video processor** 312,  
Such **communication** is desired to ...of providing such  
communication. One method,, described in this section, is  
implemented by control signal **processor** 330, which is part  
of **processor** 312. That component receives control signals  
sent over network 3021 and feeds them to master controller  
316. The other method, described in the next section, is  
implemented by low frequency **processor** 311 (Fig, 11) . That  
component detects DTMF signals, allowing viewers to send  
signals to controller 316 using a telephone,  
Control signals from infrared transmitter 3071 are  
received and interpreted by **processor** 312 in the following  
manner. The signals are detected by video receiver 303a,  
converted to...

...The electrical control signals transmit across the wiring  
of network 302 and are applied to **processor** 312 via high  
pass filter 313 (Fig, 12)o In **processor** 312, the control  
signals ("control in") pass through coupler 325 and  
bandpags filter 334 to control signal **processor** 330,  
Referring also to Fig, 16 demodulator 339  
demodulates and filters the control signals recreating...

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00164813     \*\*Image available\*\*  
**AUTOMATIC CENSORSHIP OF BROADCAST PROGRAMMES**  
**CENSURE AUTOMATIQUE DE PROGRAMMES DIFFUSES**  
Patent Applicant/Assignee:  
    VOGEL Peter Samuel,  
Inventor(s):  
    VOGEL Peter Samuel,  
Patent and Priority Information (Country, Number, Date):  
    Patent:                   WO 8911199 A1 19891116  
    Application:            WO 89AU189 19890503 (PCT/WO AU8900189)  
    Priority Application: AU 888039 19880504; AU 88278 19880907

Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
    AT AU BE CH DE FR GB IT JP LU NL SE US  
Publication Language: English  
Fulltext Word Count: 3568

Main International Patent Class: **H04N-007/173**

International Patent Class: **H04N-07:16**

Fulltext Availability:  
    Detailed Description

Detailed Description  
... a paging system transmitter (referred to hereinafter as data transmitter 114), as commonly used in **pocket** -paging services, whereby on transmission of suitable address codes, portable receivers are activated to beep or display messages, alerting the **user** carrying the receiver. The output of classification encoder 102 is fed to **data** transmitter 114. Said **transmitter** is also equipped to receive **data** from paging **terminal** 113, which is a conventional paging **terminal** into which messages to be transmitted to remotely-located paging receivers are entered by an...

...to the art, except  
that data from classification encoder102 is interleaved with data from paging **terminal** 113. Interleaving of paging and classification data is performed according to a scheme which ensures...

...does not  
interfere with operation of the classification and censorship system. One suitable embodiment of **data transmitter** 114 is shown in the schematic drawing Fig. 2, described in detail below. The programme...

...recording via programme  
transmission means 103. The censorship classification signal interleaved with paging signals is **transmitted** to the same destination via **data** transmission means 112. Radio receiver 115 receives both paging and classification signals and feeds the...

...word, and compares it with a range of classifications previously entered by the operator using **user**

23/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

00478887

Optical inspection apparatus and system comprising such an apparatus.  
Optische Prufungsvorrichtung und Anordnung mit einer solcher Vorrichtung.  
Appareil d'inspection optique et systeme comportant un tel appareil.

PATENT ASSIGNEE:

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Cincinnati Ohio 45202, (US), (applicant designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

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Johnson, K. W., Skand Comp., Services Ltd., New Market Street, Ulverston,  
Cumbria LA 12 7LN, (GB)

LEGAL REPRESENTATIVE:

Canonici, Jean-Jacques et al (57861), Procter & Gamble European Technical  
Center N.V. Temselaan 100, B-1853 Strombeek-Bever, (BE)

PATENT (CC, No, Kind, Date): EP 544945 A1 930609 (Basic)

APPLICATION (CC, No, Date): EP 91203178 911205;

PRIORITY (CC, No, Date): EP 91203178 911205

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G01F-023/28; H04N-007/18 ; G02B-017/06

ABSTRACT WORD COUNT: 167

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	481
SPEC A	(English)	EPABF1	2729
Total word count - document A			3210
Total word count - document B			0
Total word count - documents A + B			3210

... INTERNATIONAL PATENT CLASS: H04N-007/18

... SPECIFICATION numerically or graphically displayed. The data from the  
memory 39 can instead of to the computer 43, also be transferred to  
the hand - held data collection unit 45, that after this transfer  
of data can be disconnected from the power- communication control unit  
39 and be connected to a central computer.

Fig 6 shows an array...

23/3,K/2 (Item 1 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00504488 \*\*Image available\*\*  
A HOST APPARATUS FOR SIMULATING TWO WAY CONNECTIVITY FOR ONE WAY DATA  
STREAMS  
APPAREIL HOTE PERMETTANT DE SIMULER LA CONNECTIVITE BIDIRECTIONNELLE POUR  
DES FLUX DE DONNEES UNIDIRECTIONNELS  
Patent Applicant/Assignee:  
INTEL CORPORATION,

HARRISON Edward R,  
CALL Dale R,  
THROCKMORTON John A,  
PERRY Burt,  
Inventor(s):

HARRISON Edward R,  
CALL Dale R,  
THROCKMORTON John A,  
PERRY Burt,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9935840 A1 19990715  
Application: WO 98US27795 19981229 (PCT/WO US9827795)  
Priority Application: US 983095 19980106

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ DE DE DK DK EE EE ES  
FI FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT UA UG US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU  
TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG  
CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 7970

Main International Patent Class: H04N-007/10

Fulltext Availability:

Detailed Description

Detailed Description

... hand held associated data  
interface device 200 is a wireless device. In other words, integrated  
hand held associated data interface device 200 communicates  
with  
processor 308 through the wireless medium. Additionally, by virtue of  
the  
20  
employment of separate display...

23/3,K/3 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT  
(c) 2005 WIPO/Univentio. All rts. reserv.

00503212 \*\*Image available\*\*

PORTABLE INTERNET-ENABLED CONTROLLER AND INFORMATION BROWSER FOR CONSUMER  
DEVICES  
COMMANDE PORTATIVE UTILISANT INTERNET ET DISPOSITIF DE RECHERCHE  
D'INFORMATIONS POUR APPAREILS GRAND PUBLIC

Patent Applicant/Assignee:

VSIS INC,

Inventor(s):

ALLPORT David E,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9934564 A1 19990708  
Application: WO 98US27472 19981222 (PCT/WO US9827472)  
Priority Application: US 971873 19971231

Designated States:

(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW  
GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK  
ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE  
SN TD TG

Publication Language: English

Fulltext Word Count: 20357

...International Patent Class: H04N-005/44

Fulltext Availability:

Detailed Description

Detailed Description

... MS-DOS, Windows, or other operating systems. Moreover, because the hardware is designed primarily for **computer data transfer**, the physical range of IR commands from **palm - tops** is limited, and the reliability of the execution of the commands themselves also drops as...

23/3,K/4 (Item 3 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00391690 \*\*Image available\*\*

METHOD FOR ENHANCING USABILITY OF FAX ON SMALL DEVICES

PROCEDE PERMETTANT D'AUGMENTER LA CAPACITE D'UN FAC-SIMILE SUR DE PETITS  
DISPOSITIFS

Patent Applicant/Assignee:

INTEL CORPORATION,  
TSO Michael Man-Hak,

Inventor(s):

TSO Michael Man-Hak,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9732433 A1 19970904

Application: WO 97US1706 19970211 (PCT/WO US9701706)

Priority Application: US 96606734 19960227

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE DK EE EE ES  
FI FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SK TJ TM TR TT UA UG US UZ VN YU  
KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB  
GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 6607

Main International Patent Class: H04N-001/32

Fulltext Availability:

Detailed Description

Detailed Description

... transmittal

data file, once complete, is then compressed by a compression scheme 370. The compressed **transmittal data file** is then **transmitted** by a **data** transmission unit 330

of **computer** system 30 to **PDA** device 40 for displaying.

Figure 4 is a simplified block diagram of the components and...

**23/3,K/5 (Item 4 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT

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00236343

**TRANSACTION BASED INTERACTIVE TELEVISION SYSTEM**  
**SYSTÈME TRANSACTIONNEL DE TELEVISION INTERACTIVE**

Patent Applicant/Assignee:

LAPPINGTON John P,

MARSHALL Susan K,

Inventor(s):

LAPPINGTON John P,

MARSHALL Susan K,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9310605 A1 19930527

Application: WO 92US9455 19921102 (PCT/WO US9209455)

Priority Application: US 9185 19911120

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CA JP KR AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE

Publication Language: English

Fulltext Word Count: 18015

...International Patent Class: **H04N-07:087**

Fulltext Availability:

Detailed Description

Detailed Description

... the IR data. This

discriminator 86 recovers the serial data and supplies it to the **microprocessor** 72 of the **handheld device** 28.

The **microprocessor** 72 monitors the serial data transmitted via the IR link and builds a command stream from this data as defined in...

?

? show files; ds; save temp; logoff hold  
File 9:Business & Industry(R) Jul/1994-2005/Jan 24  
    (c) 2005 The Gale Group  
File 15:ABI/Inform(R) 1971-2005/Jan 24  
    (c) 2005 ProQuest Info&Learning  
File 16:Gale Group PROMT(R) 1990-2005/Jan 24  
    (c) 2005 The Gale Group  
File 20:Dialog Global Reporter 1997-2005/Jan 25  
    (c) 2005 The Dialog Corp.  
File 47:Gale Group Magazine DB(TM) 1959-2005/Jan 24  
    (c) 2005 The Gale group  
File 75:TGG Management Contents(R) 86-2005/Jan W3  
    (c) 2005 The Gale Group  
File 80:TGG Aerospace/Def.Mkts(R) 1982-2005/Jan 24  
    (c) 2005 The Gale Group  
File 88:Gale Group Business A.R.T.S. 1976-2005/Jan 21  
    (c) 2005 The Gale Group  
File 98:General Sci Abs/Full-Text 1984-2004/Sep  
    (c) 2004 The HW Wilson Co.  
File 112:UBM Industry News 1998-2004/Jan 27  
    (c) 2004 United Business Media  
File 141:Readers Guide 1983-2004/Sep  
    (c) 2004 The HW Wilson Co  
File 148:Gale Group Trade & Industry DB 1976-2005/Jan 24  
    (c) 2005 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
    (c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2005/Jan 25  
    (c) 2005 The Gale Group  
File 264:DIALOG Defense Newsletters 1989-2005/Jan 24  
    (c) 2005 The Dialog Corp.  
File 484:Periodical Abs Plustext 1986-2005/Jan W3  
    (c) 2005 ProQuest  
File 553:Wilson Bus. Abs. FullText 1982-2004/Sep  
    (c) 2004 The HW Wilson Co  
File 570:Gale Group MARS(R) 1984-2005/Jan 24  
    (c) 2005 The Gale Group  
File 608:KR/T Bus.News. 1992-2005/Jan 25  
    (c) 2005 Knight Ridder/Tribune Bus News  
File 620:EIU:Viewswire 2005/Jan 24  
    (c) 2005 Economist Intelligence Unit  
File 613:PR Newswire 1999-2005/Jan 25  
    (c) 2005 PR Newswire Association Inc  
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Jan 24  
    (c) 2005 The Gale Group  
File 623:Business Week 1985-2005/Jan 24  
    (c) 2005 The McGraw-Hill Companies Inc  
File 624:McGraw-Hill Publications 1985-2005/Jan 24  
    (c) 2005 McGraw-Hill Co. Inc  
File 634:San Jose Mercury Jun 1985-2005/Jan 22  
    (c) 2005 San Jose Mercury News  
File 635:Business Dateline(R) 1985-2005/Jan 22  
    (c) 2005 ProQuest Info&Learning  
File 636:Gale Group Newsletter DB(TM) 1987-2005/Jan 24  
    (c) 2005 The Gale Group  
File 647:cmp Computer Fulltext 1988-2005/Jan W2  
    (c) 2005 CMP Media, LLC

File 696:DIALOG Telecom. Newsletters 1995-2005/Jan 24  
(c) 2005 The Dialog Corp.  
File 674:Computer News Fulltext 1989-2005/Jan W3  
(c) 2005 IDG Communications  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 587:Jane`s Defense&Aerospace 2005/Jan W1  
(c) 2005 Jane`s Information Group

Set	Items	Description
S1	1063331	POCKET?? OR PALM()TOP?? OR PALMTOP?? OR PALM(2N)PILOT?? - OR HANSPRING?? OR HAND()SPRING?? OR ( HANDHELD?? OR HAND()HE- LD??) (3N) (DEVICE? OR UNIT?) OR POCKETPC OR POCKET()PC
S2	1204254	S1 OR (HANDHELD()DIGITAL()ORGANIZER?? OR PDA OR (PORTABLE- ?? OR PERSONAL??) ()DIGITAL()ASSISTANT?? OR PORTABLE()COMPUT??- ?()DEVICE??)
S3	2443791	(TRANSFER? OR UPDAT?? OR SHAR?? OR TRANSMIT?? OR COMMUN- ICAT??? OR SEND???) (7N) (MPG OR MPEG OR MOVING()PICTURE()EXPER- T()GROUP?? OR DATA OR FILE?? OR RECORD?? OR STOR???(3N)FILE?? OR MEDIA(3N)FILE?? OR VIDEO??)
S4	13516097	(STB OR SET()TOP()BOX OR SET()BOX OR TOP()BOX OR COMPUTER?? OR CPU OR NODE?? OR TERMINAL?? OR PROCESSOR?? OR MICROPROCES- SOR?? OR WEB()TV?? OR PC()TV??)
S5	22827281	(USER?? OR CUSTOMER?? OR CLIENT?? OR OWNER??)
S6	13238091	(MOTIVAT??? OR ADVANTAG? OR BENEFI?)
S7	0	AU =(TILFORD, A? OR TILFORD A?)
S8	567	S2(S)S3(S)S4(S)S5(S)S6
S9	47	S2(5N)S3(5N)S4(5N)S5(5N)S6
S10	23	S9 NOT PY>2000
S11	15	RD (unique items)

11/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00814980 94-64372

**Wireless LAN: Red alert**

Steffora, Ann  
Communications International v21n1 PP: 14-16 Jan 1994  
ISSN: 0305-2109 JRNL CODE: COI  
WORD COUNT: 659

...TEXT: data speeds up to 115.2kbit/s. This would allow a wireless 'walk up to' **data transfer** between docking and input units, printers, telephones, desk top and laptop PCs, network **nodes**, ATMs and **PDA** devices.

'Infrared data transmission has a number of strong and practical **advantages** for mobile computer **users** in today's environment. No present domestic or international regulatory constraints exist and interference problems...

11/3,K/2 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

07453160 Supplier Number: 62694313 (USE FORMAT 7 FOR FULLTEXT)  
**Xircom Announces Agreement with Ericsson to Collaborate on Bluetooth Wireless Connectivity Products.**

Business Wire, p0589  
June 12, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 911

... Bluetooth wireless solutions enable untethered, reliable data access among office, home, and mobile networks. Additional **benefits** include:

- Convenience **Handheld devices**, notebook **computers**, and mobile phones can wirelessly interconnect
- Organization Data is automatically synchronized among devices without **user** intervention
- Speed **Data transfers** two to eight times faster than parallel and serial ports
- Flexibility Bluetooth wireless technology creates...

11/3,K/3 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

07230851 Supplier Number: 61570466 (USE FORMAT 7 FOR FULLTEXT)

**Lexar Media To Be Exclusive CompactFlash Storage Provider At Microsoft Pocket PC Launch Event; Microsoft Taps Lexar To Provide USB-Enabled CompactFlash Cards for New Pocket PC Computers.**

Business Wire, p1158

April 19, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 435

... PC platform," said John Reimer, President and CEO, Lexar Media. "These new devices will certainly **benefit** from the important features that our CompactFlash cards and JumpShot USB cable provide."

**Transfer Data Quickly and Easily**

Lexar USB-enabled CompactFlash cards enable **Pocket PC users** to **transfer** a variety of **data** such as photos, MP3 and even video files between a desktop **computer** running a Microsoft Windows 98 or Windows 2000. Simply remove the USB-enabled digital film...

**11/3,K/4 (Item 1 from file: 47)**

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2005 The Gale group. All rts. reserv.

02814830 SUPPLIER NUMBER: 04366559 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Saving it on tape. (Mass storage supplement.)**

Pepper, Jon

PC Week, v3, n24, pS15(9)

June 17, 1986

ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 3029 LINE COUNT: 00228

**ABSTRACT:** Tape backup systems provide personal **computer users** requiring backup of large amounts of data with a reliable and fast system to assure the safety of that **data** , and offer several other **advantages** , including **data transfer** between mainframes and microcomputers, transportability of large amounts of data in a shirt **pocket** , and tremendous file-serving capabilities. Many personal **computer users** who may have only a few files a week to back up can get by...

**11/3,K/5 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

06784409 SUPPLIER NUMBER: 14694349 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Motorola debuts two cellular data modems. (Cellular Subscriber Group)**  
Mobile Phone News, v11, n45, p7(1)  
Nov 22, 1993  
ISSN: 0737-5077 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 115 LINE COUNT: 00009

TEXT:

...Cellular Control (EC2). The credit card sized CELlect 14.4 PCMCIA modem allows consumers to **transfer data** using a variety of manufacturers' **palmtop** and laptop **computers** and personal intelligent **communicators** . The CELlect 14.4 **pocket data /fax modem** gives **users** numerous **benefits** for data devices without PCMCIA slots. It offers standard serial port compatibility in a small...

11/3,K/6 (Item 2 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

06753347 SUPPLIER NUMBER: 14644081 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**MOTOROLA DISPLAYS TWO NEW MODEMS AT 1993 COMDEX SHOW; DATA TRANSMISSION**  
**PRODUCT LINE EXPANSION CONTINUES**  
PR Newswire, p1115NY132  
Nov 15, 1993  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 496 LINE COUNT: 00044

... intensifies. Motorola's new data/fax modem products offer the flexibility and dependability to help **users** maintain a competitive edge. The CELLect 14.4 PCMCIA modem, a convenient credit card sized modem, allows consumers to **transfer data** using a wide range of manufacturers' **palmtop** and laptop **computers** and personal intelligent **communicators**. The CELLect 14.4 **pocket data /fax** modem also gives **users** numerous **benefits** for data devices without PCMCIA slots, offering standard serial port compatibility in a small, external...

11/3,K/7 (Item 3 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

06178857 SUPPLIER NUMBER: 12917776 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Local area networks scope out broader horizons. (communications vendors seek to provide networks for palmtop computers) (includes related article on radio spectrum availability) (Market Outlook)**  
Davis, Dwight B.  
Electronic Business, v18, n14, p139(3)  
Nov, 1992  
ISSN: 0163-6197 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2192 LINE COUNT: 00180

... will be astounded at what we used today and thought was great." To help current **users** of **palmtops** and other portable **computers** take **advantage** of packet radio networks, Motorola introduced its InfoTAC "personal **data communicator**" in mid-September. The **pocket** -size, 17-ounce radio packet modem can independently receive, store, and respond to data messages...

11/3,K/8 (Item 4 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

05890364 SUPPLIER NUMBER: 12385855 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Small wonder: with new innovations, palmtops offer features for both the high-tech and no-tech user. (hand-held computers) (Product Announcement)**  
Mandell, Mel  
Business Journal of New Jersey, v9, n10, p25(3)  
June, 1992  
DOCUMENT TYPE: Product Announcement ISSN: 0889-3403 LANGUAGE:  
ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 1450 LINE COUNT: 00111

... require capacious internal memory to manipulate large files, and need to be able to easily **transfer** **data** between **palmtop** and personal **computer**.

Wireless **data** **transfer**. Both types of **users** can **benefit** from the latest innovation: wireless transfer of information back and forth from the **palmtop** to a powerful remote **computer**. For instance, a **customer** may ask a field salesperson if a certain item is available for immediate shipment. The...

**11/3,K/9 (Item 1 from file: 275)**  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

02358847 SUPPLIER NUMBER: 58305588 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Web-to-wireless Technology Extended for Enterprise Use. (Company Business and Marketing)**  
Cambridge Telecom Report, NA  
Dec 20, 1999  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 674 LINE COUNT: 00063

... horizontal market segments, it serves to enhance personal productivity. Companies developing solutions for the corporate **users** have a significant **advantage** in the mobile **data** market."

In the field, InfoBeam **sends** **updates** and receives information or notifications. The InfoBeam Enterprise **Client** runs on consumer electronic tools that many mobile professionals already have -- a handheld **computer**, such as a **Palm Pilot**, a two-way pager, or a WAP-enabled cell phone. On the network side, field...

**11/3,K/10 (Item 2 from file: 275)**  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

02000429 SUPPLIER NUMBER: 18792539 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Palm reading. (palmtop computer market) (includes related article on PDA products) (Industry Trend or Event)**  
Smith, Sharon  
Computer Weekly, p42(1)  
Sep 19, 1996  
ISSN: 0010-4787 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1311 LINE COUNT: 00103

... for their business schedules and also to work out on-the-spot financial quotes for **customers**, whereas before they had to ring into a central call centre.

"Our salesforce is more streamlined and agents can regularly download **data** into our central **computer** and **update** details too, which is a huge **benefit**. The Psion is also easy to use whereas other forms of IT are more difficult to grasp."

But is the **palmtop** really set to take off in big organisations? Apple admits while its version 2.0...

11/3,K/11 (Item 3 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01957006 SUPPLIER NUMBER: 18429764 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Keyless entry. (automated data collection) (Industry Trend or Event)**  
Dickey, Sam  
MIDRANGE Systems, v9, n9, p56(2)  
June 14, 1996  
ISSN: 1041-8237 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1761 LINE COUNT: 00138

... into it, do all the look-ups, and then upload the results back to the **computer** via **file transfers**."

Portable Smarts

The recent trend is toward developing a **hand - held device** that is a full-fledged 286- or 386-based PC with a scanner built into it. This brings the **advantages** of **client /server** computing to data collection.

Hand-held scanners now can collect **data** and **communicate** with a server in real time as **clients** on a radio frequency network. They can scan, verify and store file data locally inside...

11/3,K/12 (Item 4 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01530381 SUPPLIER NUMBER: 12577895 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Desqview/X users have to choose, Desqview or Win NT. (Microsoft Corp.'s Microsoft NT operating system, Quarterdeck Office Systems Inc.'s graphical user interface)**  
Rohrbough, Linda  
Newsbytes, NEW08260019  
August 26, 1992  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 576 LINE COUNT: 00044

... will already work on those machines and Quarterdeck is talking about implementing the product on **palmtop computers**, although no concrete plans are in the works now, the company said.

Quarterdeck says it has another **advantage** with Desqview/X -- the ability to interconnect and **share data** with X Windows systems over a network, which allows **users** access to such workstation products as those from Sun Microsystems and the Hewlett-Packard Apollo...

11/3,K/13 (Item 5 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01420548 SUPPLIER NUMBER: 10426058 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**DIP card drive. (DIP Portfolio PC card drive) (Hardware Review) (Shortlist) (evaluation)**  
Smith, Sid  
PC User, n151, p80(1)  
Jan 30, 1991  
DOCUMENT TYPE: evaluation ISSN: 0263-5720 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 492 LINE COUNT: 00037

...ABSTRACT: and DIP have agreed to support the new standards in the next generation of their **pocket** -sized **computer**. The Portfolio comes bundled with a cable and ROM-based program for interfacing the Portfolio...

...a desktop microcomputer. Although the software is excessively complicated, it is free, and a second **advantage** of cable-based **data transfer** is that it offers almost universal compatibility. The availability of cable-based data exchange and the eventual obsolescence of the card's format weigh against its purchase by the individual **user**, but companies with a fleet of the hand-held units should know that the unit...

**11/3,K/14 (Item 1 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

04576206 Supplier Number: 59562078 (USE FORMAT 7 FOR FULLTEXT)

**How plugged-in is your business?**

Dimartino, Christina  
Swimming Pool/Spa Age, pNA  
Jan, 2000  
Language: English Record Type: Fulltext  
Document Type: Tabloid; Trade  
Word Count: 2242

... bookkeeping information while on site translates into less paperwork back at the office. And, these "hand - held units, when connected to your desktop **computer**, **transfer** **data** instantly," says Chalef.

RECOGNIZE HIGH-TECH **BENEFITS** Coppock Pool & Spa (Vista, Calif.), formed in 1992, specializes in reconstruction, renovation, service and some new construction."

I'm very consumer-orientated," says **owner** Doug Coppock.

"A cell phone is basic today. It allows customers to contact us on...

**11/3,K/15 (Item 2 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01899293 Supplier Number: 43302354 (USE FORMAT 7 FOR FULLTEXT)

**SKYTEL/EX MACHINA OFFER WIRELESS DATA SOLUTIONS**

Electronic Messaging News, v4, n19, pN/A  
Sept 16, 1992  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 493

... regional, national, continental or international coverage.

Notify, from Ex Machina, is an extension to traditional **computer** operating systems that enables mainstream business applications, such as scheduling, electronic mail and network monitoring programs, to deliver messages and **data** to remote **users**. Notify **transmits** information from personal **computers** through local regional and nationwide paging systems to **pocket** -sized alphanumeric receivers and **portable computing devices**.

Who will **benefit** from this new venture?  
More than 50 software developers currently offer or are developing  
wireless...  
?

? show files; ds; save temp; logoff hold  
 File 344:Chinese Patents Abs Aug 1985-2004/May  
 (c) 2004 European Patent Office  
 File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)  
 (c) 2004 JPO & JAPIO  
 File 350:Derwent WPIX 1963-2005/UD,UM &UP=200504  
 (c) 2005 Thomson Derwent

Set	Items	Description
S1	82276	POCKET?? OR PALM()TOP?? OR PALMTOP?? OR PALM(2N)PILOT?? - OR HANDSPRING?? OR HAND()SPRING?? OR (HANDHELD?? OR HAND()HE- LD??)(3N)(DEVICE? OR UNIT?) OR POCKETPC OR POCKET()PC
S2	108154	S1 OR (HANDHELD()DIGITAL()ORGANIZER?? OR PDA OR (PORTABLE- ?? OR PERSONAL??)(()DIGITAL()ASSISTANT?? OR PORTABLE()COMPUT??- ?()DEVICE??)
S3	409403	(TRANSFER? OR UPDAT?? OR SHAR?? OR TRANSMIT?? OR COMMUN- ICAT?? OR SEND??)(7N)(MPG OR MPEG OR MOVING()PICTURE()EXPER- T()GROUP?? OR DATA OR FILE?? OR RECORD?? OR STOR???(3N)FILE?? OR MEDIA(3N)FILE?? OR VIDEO??)
S4	2122372	(STB OR SET()TOP()BOX OR SET()BOX OR TOP()BOX OR COMPUTER?? OR CPU OR NODE?? OR TERMINAL?? OR PROCESSOR?? OR MICROPROCES- SOR?? OR WEB()TV?? OR PC()TV??)
S5	623533	(USER?? OR CUSTOMER?? OR CLIENT?? OR OWNER??)
S6	7904600	(MOTIVAT?? OR ADVANTAG? OR BENEFI?)
S7	7	AU =(TILFORD, A? OR TILFORD A?)
S8	840154	IC=H04N?
S9	0	S7 AND S2
S10	1628	S2 AND S3 AND S4 AND S5 AND S6
S11	182	S10 AND S8
S12	6	S11 NOT PY>2000
S13	6	IDPAT (sorted in duplicate/non-duplicate order)
S14	6	IDPAT (primary/non-duplicate records only)
S15	1863	S2 AND S3 AND S4 AND S5
S16	208	S15 AND S8
S17	13	S16 NOT PY>2000
S18	7	S17 NOT S14
S19	4532	S2 AND S3 AND S4
S20	512	S19 AND S8
S21	48	S20 NOT PY>2000
S22	35	S21 NOT (S14 OR S18)
S23	35	S22 NOT AD=20000608:20030608/PR
S24	35	S23 NOT AD=20030608:20050124/PR
S25	35	IDPAT (sorted in duplicate/non-duplicate order)
S26	33	IDPAT (primary/non-duplicate records only)

14/3,K/1 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

013302653 \*\*Image available\*\*

WPI Acc No: 2000-474588/200041

XRPX Acc No: N00-353999

**Portable telephone device , has hand - held body structure housing microphone and speaker connected to communications circuitry and electronic circuitry to control heads-up display**

Patent Assignee: TELXON CORP (TELX-N)

Inventor: CAMPO J A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6073033	A	20000606	US 96742034	A	19961101	200041 B

Priority Applications (No Type Date): US 96742034 A 19961101

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 6073033 A 14 H04N-007/14

**Portable telephone device , has hand - held body structure housing microphone and speaker connected to communications circuitry and electronic circuitry to control...**

Abstract (Basic):

... housing a microphone (30), speaker (32) and a display (34). A communication module receives and **transmits** voice **data** and non-voice **data** to and from remote site. An electronic circuit board operatively interconnects microphone and speaker.  
... a neutral position to an operative position for locating the display in front of the **user** 's eye when the main body is held adjacent to a **user** 's head...

... **ADVANTAGE** - ...

...Provides telephone, data **terminal** and heads-up display in an integrated package, with reduced size and weight. The speaker...

...side view of the portable wireless telephone device having integrated heads-up display and data **terminal** .

International Patent Class (Main): H04N-007/14

14/3,K/2 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

013036168 \*\*Image available\*\*

WPI Acc No: 2000-208020/200019

XRPX Acc No: N00-155052

**Hand - held portable data capturing device as user -interface for processing and communicating images derived from digital scanning, enabling menu navigation by re-using operational push-button switches**

Patent Assignee: HEWLETT-PACKARD CO (HEWP )

Inventor: DALTON D L; DEVRIES M J; DOW J C; FORMOSA D; HANSEN B K; RUDD M L ; RUFFATTO K C; SHEPARD N

Number of Countries: 028 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 978989	A2	20000209	EP 99107042	A	19990409	200019 B
CN 1244685	A	20000216	CN 99108381	A	19990614	200027
JP 2000105823	A	20000411	JP 99220872	A	19990804	200029
US 6160926	A	20001212	US 98130868	A	19980807	200067

Priority Applications (No Type Date): US 98130868 A 19980807

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 978989	A2	E	15	H04N-001/00	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

CN 1244685	A	G06T-011/00
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JP 2000105823	A	12 G06T-001/00
---------------	---	----------------

US 6160926	A	G06K-009/22
------------	---	-------------

Hand - held **portable data capturing device as user -interface for processing and communicating images derived from digital scanning, enabling menu navigation by re...**

Abstract (Basic):

... The inventive device (22) provides a **user -interface** as a hand-held portable **data capture/ communication** appliance for navigating menus when processing images derived from e.g. digital scanning. The device includes a **processor** for manipulating/viewing images on an incorporated display (24). An interface application program is stored in internal memory, and allows a **user** to use navigation push switches (42,44,46,48) and operational push-switches (26,28...).

...selected menu items. The device enables transfer of captured images to other apparatus, e.g. **computer**, printer, facsimile machine, through the use of a standard interface, and operates as a 'cordless...'.  
...

**ADVANTAGE - ...**

...Provides simple, flexible, **user -friendly**, easy-to-learn, efficient operational procedure, usign functional push-button switches...

...The drawing shows an elevational view of one side of the inventive **hand - held** image capture/communication **device** (22), depicting display screen and navigational/operational push-button switches

...Title Terms: **USER** ;

...International Patent Class (Main): **H04N-001/00**

...International Patent Class (Additional): **H04N-001/107**

**14/3,K/3 (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

012951104 \*\*Image available\*\*

WPI Acc No: 2000-122954/200011

XRPX Acc No: N00-093943

**World wide web server accessing and printing controller for image forming apparatus - includes data acquisition unit for acquiring user specified information from WWW server which is then printed by digital copier**

Patent Assignee: CANON KK (CANO )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11355498	A	19991224	JP 98173844	A	19980608	200011 B

Priority Applications (No Type Date): JP 98173844 A 19980608

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11355498	A	22	H04N-001/00	

... includes data acquisition unit for acquiring user specified information from WWW server which is then printed by digital copier

...Abstract (Basic): NOVELTY - Based on connecting point information sent by user of personal digital assistant (10), a data acquisition unit acquires required data from WWW server (12) using IrDA communication unit (9). The image formation unit generates printing data based on acquired data which is...

...digital copier. DETAILED DESCRIPTION - A status denoting unit informs the printing status information to the personal digital assistant (10) via the radio communication unit...

... ADVANTAGE - Since data acquisition unit acquires user specified data via communication unit, access of WWW server from a portable terminal is enabled and information pertinent to normal completion of printing is obtained. DESCRIPTION OF DRAWING...

...figure shows the block diagram of an image formation system. (9) IrDA communication unit; (10) Personal digital assistant ; (12) WWW server

...Title Terms: USER ;

International Patent Class (Main): H04N-001/00

14/3,K/4 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

012858946 \*\*Image available\*\*

WPI Acc No: 2000-030779/200003

XRPX Acc No: N00-023803

Data transfer indication mechanism for optical communication apparatus such as portable terminal devices - has transmitting range display unit which displays transmittable range on screen of liquid crystal display

Patent Assignee: CASIO COMPUTER CO LTD (CASK )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11298778	A	19991029	JP 98114314	A	19980409	200003 B

Priority Applications (No Type Date): JP 98114314 A 19980409

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11298778	A	17	H04N-005/225	

Data transfer indication mechanism for optical communication apparatus such as portable terminal devices...

...Abstract (Basic): USE - For indicating **data transfer** between **terminal** device and external apparatus, such as printer and personal **computer** and other portable **terminal** devices such as digital camera and **PDA** .

... **ADVANTAGE** - Since the optical communication apparatus which enables **user** to simply recognize the alignment condition during communication connection and hence reliable positioning is quickly

...Title Terms: **TERMINAL** ;

International Patent Class (Main): **H04N-005/225**

...International Patent Class (Additional): **H04N-005/232**

**14/3,K/5 (Item 5 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

012837285 \*\*Image available\*\*

WPI Acc No: 2000-009117/200001

XRPX Acc No: N00-008346

**Image data transmission controller for facsimile -** transmits information regarding transmission image data , to communication terminal of receiving facsimile owner , before it starts image data transmission

Patent Assignee: RICOH KK (RICO )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11289399	A	19991019	JP 9891384	A	19980403	200001 B

Priority Applications (No Type Date): JP 9891384 A 19980403

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 11289399	A	7		H04M-011/00	

... transmits information regarding transmission image data , to communication terminal of receiving facsimile owner , before it starts image data transmission

...Abstract (Basic): such as telephone number related to destination address, from memories (5). A pre-notice information **transmitter** **transmits** information about transmission of image **data** to communication **terminal** of receiving facsimile **owner** , before it starts image data transmission. DETAILED DESCRIPTION - An address information selector selects the destination...

...notice information transmitting unit transmits the pre-notice information to a pager of receiving facsimile **owner** about the transmission of image data, before it starts the image data transmission. The call...

...USE - For **data** transmission between facsimile and portable **communication** apparatus such as PHS, **pocket** -bell pager, etc...

... **ADVANTAGE** - The transmission image data is efficiently informed to the receiving facsimile **user** beforehand, through pager. DESCRIPTION OF

DRAWING(S) - The figure shows block diagram of component of  
...Title Terms: **TERMINAL** ;

International Patent Class (Additional): **H04N-001/00** ...

... **H04N-001/21** ...

... **H04N-001/32**

**14/3,K/6 (Item 6 from file: 350)**  
DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

010043444     \*\*Image available\*\*  
WPI Acc No: 1994-311155/199439  
XRPX Acc No: N94-244948

**Road user toll device testing system - has IR transceiver on vehicle,  
IR transmitter at toll station, video camera, and detects and records  
vehicles which have not paid toll**

Patent Assignee: **SIEMENS AG (SIEI)**

Inventor: **HERING B; WENTER P**

Number of Countries: 012 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 4310579	A1	19941006	DE 4310579	A	19930331	199439	B
EP 625767	A2	19941123	EP 94103617	A	19940309	199445	
JP 7014037	A	19950117	JP 9483675	A	19940331	199512	
EP 625767	A3	19951108	EP 94103617	A	19940309	199617	
EP 625767	B1	20000830	EP 94103617	A	19940309	200042	
DE 59409502	G	20001005	DE 509502	A	19940309	200051	
			EP 94103617	A	19940309		

Priority Applications (No Type Date): DE 4310579 A 19930331

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes	
DE 4310579	A1		6	G07B-015/00		
EP 625767	A2	G	7	G07B-015/00		
				Designated States (Regional):	AT BE CH DE DK GB GR IT LI LU NL	
JP 7014037	A		5	G07B-015/00		
EP 625767	A3			G07B-015/00		
EP 625767	B1	G		G07B-015/00		
				Designated States (Regional):	AT BE CH DE DK GB GR IT LI LU NL	
DE 59409502	G			G07B-015/00	Based on patent EP 625767	

**Road user toll device testing system...**

**...has IR transceiver on vehicle, IR transmitter at toll station, video camera, and detects and records vehicles which have not paid toll**

**...Abstract (Basic):** The toll collection device tester, a vehicle on-board device is provided together with a **communication** arrangement for microwave, wireless **data** exchange with a vehicle transceiver and an electronic use-driving card in the form of a **processor** card. The toll stations are in the form of cancelling stations which reduce the value  
...

**...light transmitters.** A IR light sensitive video camera is included for additional monitoring. The supervision **units** (KON) are **hand - held**.

...

...USE/ **ADVANTAGE** - Automatic toll detection system. Simple identification  
and registration of correct vehicle  
...Title Terms: **USER** ;  
...International Patent Class (Additional): **H04N-007/18**  
?

18/3,K/1 (Item 1 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

06520102 \*\*Image available\*\*  
**HAND - HELD IMAGE CAPTURING COMMUNICATION DEVICE**

PUB. NO.: 2000-105821 [JP 2000105821 A]  
PUBLISHED: April 11, 2000 (20000411)  
INVENTOR(s): DOW JAMES C  
DALTON DAN L  
RUDD MICHAEL L  
RUFFATTO KARIN C  
HANSEN BARRY K  
BERG THOMAS E  
SIMS DAVID J  
FORMOSA DANIEL  
NIEVES SANDRA  
HAMBURGER PAUL  
DEVRIES MICHAEL J  
SHEPARD NANCY  
HENDERSON SCOTT  
STOWELL DAVIN  
VORDENBERG STEVEN  
APPLICANT(s): HEWLETT PACKARD CO (HP)  
APPL. NO.: 11-220869 [JP 99220869]  
FILED: August 04, 1999 (19990804)  
PRIORITY: 130584 [US 98130584], US (United States of America), August 07, 1998 (19980807)

**HAND - HELD IMAGE CAPTURING COMMUNICATION DEVICE**

INTL CLASS: G06T-001/00; G06F-003/00; G06F-017/30; H04N-001/107

#### ABSTRACT

PROBLEM TO BE SOLVED: To enable a **user** to navigate between not only function menus, but also captured images by providing for program...

...menu interface by using a control instrument.

SOLUTION: The device 22 is equipped with a **processor** 62, which **communicates** with a memory 64 through an address/ **data** bus 66. Application software 70 has control programs for actualizing various functions of the device...

... The menu/navigation interface module 104 provides graphical menus for performing various operations for the **user** and processes **user**'s response thereto. Further, the **user** advances to a certain course through the graphical menus and responds to a navigation button which enables the **user** to view stored pages.

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18/3,K/2 (Item 2 from file: 347)  
DIALOG(R) File 347:JAPIO  
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06356870 \*\*Image available\*\*  
HOME INFORMATION DISTRIBUTION SYSTEM

PUB. NO.: 11-298478 [JP 11298478 A]  
PUBLISHED: October 29, 1999 (19991029)  
INVENTOR(s): MATSUTAKE MASAYUKI  
APPLICANT(s): TOSHIBA CORP  
APPL. NO.: 10-093432 [JP 9893432]  
FILED: April 06, 1998 (19980406)

INTL CLASS: H04L-012/28; H04N-007/18 ; H04Q-009/00; H04Q-009/00

ABSTRACT

... lighting 3b, and key 3c) via a home automation HA communication line 3, and a **user** from each of the rooms A, B, C uses a **personal digital assistants PDA** 4 for a **terminal** slave set to make transmission reception of control **data** with the home controller 5 through radio **communication** . Furthermore, the home controller 5 sends the home information to a television signal distribution coaxial...

18/3,K/3 (Item 3 from file: 347)  
DIALOG(R) File 347:JAPIO  
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06058213 \*\*Image available\*\*  
COMMUNICATION EQUIPMENT

PUB. NO.: 10-341313 [JP 10341313 A]  
PUBLISHED: December 22, 1998 (19981222)  
INVENTOR(s): KANZAKI YOSHIO  
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 09-148188 [JP 97148188]  
FILED: June 05, 1997 (19970605)

INTL CLASS: H04N-001/00 ; H04L-012/54; H04L-012/58; H04M-011/00;  
H04N-001/32  
...JAPIO KEYWORD: **Pocket Bell Paging Devices**); R131 (INFORMATION PROCESSING

ABSTRACT

PROBLEM TO BE SOLVED: To receive electronic mail addressed to a **user** himself through a communication equipment at a predetermined destination of visit...

...SOLUTION: A call is originated to a personal **computer** communication host **computer** 3, connected via a communication line 2 by a network control unit(NCU) 14, and...

... are converted into facsimile data by a system control part 16, and the converted facsimile **data** are **transferred** to the destination based on destination information which has been preset to a RAM 18...

18/3,K/4 (Item 4 from file: 347)  
DIALOG(R) File 347:JAPIO  
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05238316

Hewlett-Packard Co is demonstrating Macintosh-compatible  
US - HEWLETT-PACKARD DEMONSTRATES MAC-COMPATIBLE PRODUCTS  
Computergram International (CGI) 5 August 1992 p1  
ISSN: 0268-716X

Hewlett-Packard is demonstrating Macintosh-compatible products for its HP 95LX **palmtop** personal **computer** at this week's MacWorld Expo in Boston. The products were developed through the company...

... include DataViz's MacLinkPlus for the HP 95LX, a System 7-compatible product that enables **users** to back up, **transfer** and translate **files** between the HP 95LX and the Mac using the included cable and software. Ex-Machina...

... the HP 95LX; and On Technology's Meeting Maker, a Macintosh network application that enables **users** to plan, schedule and confirm meetings via the **computer** .\*

17/3,K/35 (Item 13 from file: 583)  
DIALOG(R) File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

05128704

British Airways goes mobile to cut check-in times  
UK - BRITISH AIRWAYS TESTING MOBILE DATA SERVICE  
Fintech Mobile Communications (FMC) 4 June 1992 p7-8

...staff checking-in passengers at locations other than traditional airport check-in desks, using portable **terminals** . With the portable **terminals** , BA will be able to process **customers** in airport hotels or on coaches on their way to the airport. Poquet Fujitsu (Japan) supplied the **palmtop** **computer** used in the **terminal** equiment, while Ericsson (Sweden) supplied the **pocket** modem. The **terminals** will use the mobile data network of RAM Mobile **Data** , public mobile **data** network operator, to **communicate** with the BA database that contains the details of passenger departures. Speedwing Mobile Communications, division of BA **computer** software development subsidiary Speedwing, will operate the service which BA will extend to a dozen...

... in the article, this service is designed to reduce the time taken to check and **update** **records** by staff dealing with re-fuelling and loading cargo and catering supplies onto aircraft.

17/3,K/36 (Item 14 from file: 583)  
DIALOG(R) File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

04232213

MOTOROLA LAYS PLANS FOR RADIO NET FOR NOTEBOOKS  
US - MOTOROLA LAYS PLANS FOR RADIO NET FOR NOTEBOOKS  
Computergram International (CGI) 26 April 1991 p1  
ISSN: 0268-716X

... next five years it will start a worldwide electronic mail and data

service for portable **computer users**, with the US version of the one-way service to be ready by the end...

... FL) told United Press International that the service, dubbed electronic mail broadcasting to a roving **computer**, will feature a one-way US\$1400 wireless receiver that attaches to a portable laptop, notebook or **pocket computer**. The company sees it being used for **data** broadcasting applications such as sports scores and **share** prices as well as personal electronic mail. The subscription price for the information service is...

17/3, K/37 (Item 15 from file: 583)  
DIALOG(R) File 583: Gale Group Globalbase(TM)  
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03384011  
FIREFOX LAUNCHES NOVOS TO LINK NETWARE TO ICL OSLAN HOST  
UK - FIREFOX LAUNCHES NOVOS TO LINK NETWARE TO ICL OSLAN HOST  
Computergram International (CGI) 2 April 1990  
ISSN: 0268-716X

Firefox Communications Ltd, Reading, Berkshire has launched Novos, three products designed to provide Novell NetWare **users** with access to ICL Oslan Ethernet host systems. The core product is the Novos communications ...

... the Novell environment to the ICL host. ICL facilities that are supported include screen access, **file transfer** to and from the server and application **data** interchange. Workstations can run under MS-DOS or Windows and an OS/2 workstation facility...

... of the package is RedCard. By attaching the card to the Novell NetWare file server, **terminals**, personal **computers** or Macintoshes have all the facilities of a local Novell local area networkbased workstation, with access through the Novos gateway to the ICL host systems. Lastly, Firefox's **Pocket** Ethernet Adaptor is an external Ethernet connector that fits onto the parallel printer port of IBM compatible personal **computers**. The Adaptor enables connection into ICL Oslan for laptops and portables unable to take standard Ethernet cards and personal **computers** that need to be moved or have no spare expansion slots. The starting price for the communications system is GBP1,500 for a local system of five **users**.

17/3, K/38 (Item 1 from file: 483)  
DIALOG(R) File 483: Newspaper Abs Daily  
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06015224 SUPPLIER NUMBER: 54508651  
**Army of Programmers Helps Palm Keep Its Edge --- Loyal Independent Designers Decline to Adapt Software For Rival Microsoft System**  
Tam, Pui-Wing  
Wall Street Journal, p B1  
Jun 1, 2000  
ISSN: 0099-9660 NEWSPAPER CODE: WSJ  
DOCUMENT TYPE: Feature; Newspaper article  
LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: is a Palm loyalist. In fact, the 34-year-old programmer loves

his two Palm **computers** so much that he quit his software-development job last year to write applications for...

...of several online software stores. The application, called SilverScreen, creates flashy icons that help Palm **users** navigate their hand-held organizers. But what makes Mr. Kim so valuable to Palm is his refusal to adapt his program for competing gadgets, in particular devices using Microsoft's **Pocket PC** operating system. Some of Palm's rivals -- Mr. Kim declines to identify them, citing nondisclosure...

...given it an edge by writing software exclusively for the device originally known as the **Palm Pilot**. Many of the developers run shoestring operations and sell their wares largely as Web "downloads..."

...software that is a compelling reason for some consumers to choose Palms. According to International **Data Corp.**, Palm has an 80% **share** of the **hand - held computing- device** market. (That figure includes the share of a rival, **Handspring Inc.**'s Visor, which uses the Palm operating system.)

**17/3,K/39 (Item 2 from file: 483)**

DIALOG(R) File 483:Newspaper Abs Daily  
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05979441 SUPPLIER NUMBER: 52980811

**Staying in Sync: All the Data, Up to Date, All the Time**

Hutsko, Joe

New York Times, p 13

Apr 27, 2000

ISSN: 0362-4331 NEWSPAPER CODE: NYT

; Newspaper article

LANGUAGE: English RECORD TYPE: ABSTRACT

**ABSTRACT:** One way to do all that is to tote a notebook **computer** back and forth. The same goes for **owners** of Palm and Windows CE-based handheld **computers** -- apart from acting as organizers and miniature Web and e-mail devices, **handheld computers** also synchronize data between home and work. But there are even more alternatives. Another alternative is to use e-mail. You can **send** home a **file** as an attachment, but make sure that the home and office **computers** can handle the same files. Both **computers** must, for instance, be loaded with Microsoft Word if that was the program used to produce the document. If the **computers** have different versions of Word, there are extra steps, and sometimes it isn't worth...

...you need is the card reader to use the same storage cards with your desktop **computer**, or an adapter to pop the flash card into the PC card slot of your notebook **computer**.

**17/3,K/40 (Item 3 from file: 483)**

DIALOG(R) File 483:Newspaper Abs Daily  
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05792235 SUPPLIER NUMBER: 46877657

**The Best Way to.... ....Organize Your Files: A look at sites that may help get your life in order**

Cleary, Sharon

Wall Street Journal, p R20

Dec 6, 1999

ISSN: 0099-9660                    NEWSPAPER CODE: WSJ  
; Newspaper article  
LANGUAGE: English                    RECORD TYPE: ABSTRACT

...ABSTRACT: Organizer, that must be bought and loaded, and then are accessible only from a single **computer**. And the giants aren't alone: Sites with less name recognition are also competing for **users**, placing bets that specialization will distinguish them from their well-known competitors. For instance, AnyDay...

...Mass., offers the same core features as Yahoo! and Excite, but is compatible with more **hand - held devices** and desktop applications than the portal options. Then there are sites offering useful niche functions...

...Francisco, offers online tools for creating private Internet groups or communities, letting a variety of **users** share calendars, **files** and pictures.

17/3,K/41                    (Item 4 from file: 483)  
DIALOG(R) File 483:Newspaper Abs Daily  
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05587635  
**UPS to Spend \$100 Million to Speed Up Electronic System to Track Packages**  
Blackmon, Douglas A  
Wall Street Journal, Sec B, p 3D, col 2  
Jun 16, 1999  
ISSN: 0099-9660                    NEWSPAPER CODE: WSJ  
DOCUMENT TYPE: News; Newspaper  
LANGUAGE: English                    RECORD TYPE: ABSTRACT  
LENGTH: Medium (6-18 col inches)

...ABSTRACT: capable of instantly transmitting data about a delivery to the company's tracing network. The **devices** will replace the **hand - held computers** currently used in UPS delivery trucks. The new UPS **transmitter**, called the DIAD III, automatically **sends data** directly to UPS's package-tracking system immediately after a shipment is picked up or delivered. The information will be available to **customers** within a few seconds via the Internet or UPS **customer** -service call centers. UPS said the device will make delivery confirmation available up to 30...

17/3,K/42                    (Item 5 from file: 483)  
DIALOG(R) File 483:Newspaper Abs Daily  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

05483914  
**Small-Stock Focus: Applied Voice Recognition Transforms Itself To Catch Web Wave, but Technology Isn't Perfect**  
Sechler, Bob  
Wall Street Journal, Sec B, p 11, col 1  
Apr 5, 1999  
ISSN: 0099-9660                    NEWSPAPER CODE: WSJ  
DOCUMENT TYPE: Feature; Newspaper  
LANGUAGE: English                    RECORD TYPE: ABSTRACT  
LENGTH: Medium (6-18 col inches)

...ABSTRACT: public. Mr. Connolly spent the subsequent year buying small medical-transcription services, which are potential **users** of the technology. The strategy culminated in February, when Applied Voice Recognition began doing business...

...Voice Recognition. Under e-Docs.net's plan, medical professionals will dictate their notes into **hand - held devices** equipped with the company's VoiceCommander 99 system, then **send** the sound **files** via the Internet to e-Docs.net's transcription service. The typed documents will return in **computer** files 24 hours later.

17/3,K/43 (Item 6 from file: 483)

DIALOG(R) File 483:Newspaper Abs Daily  
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05447065

**BT links up with Microsoft Race for mobile network service sales leads to transatlantic alliance**

Barrie, Chris; Schofield, Jack  
Guardian, Sec 1, p 19, col 1

Feb 9, 1999

ISSN: 0261-3007 NEWSPAPER CODE: MG

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Medium (6-18 col inches)

...ABSTRACT: yesterday formed an alliance to develop a new generation of services to give mobile phone **users** the power to access the Internet and **send** and receive **data** over the airwaves. In a dramatic indication of the global nature of the telecommunications sector...

...test these and other services around the world. The announcement immediately sent shares in the **palmtop computer** company Psion crashing by 60p to 869p, on fears that BT and Microsoft would present...

17/3,K/44 (Item 7 from file: 483)

DIALOG(R) File 483:Newspaper Abs Daily  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

05343954

**How you can keep in touch**

Alpert, Bill  
Barron's, p H6, col 2  
Dec 7, 1998  
ISSN: 1077-8039 NEWSPAPER CODE: BAR  
DOCUMENT TYPE: Feature; Newspaper  
LANGUAGE: English RECORD TYPE: ABSTRACT  
LENGTH: Long (18+ col inches)

...ABSTRACT: investors to keep in constant contact with their investments, whether by cellular phone, pager, laptop **computer** or **Palm Pilot**. Brokers are getting into the act, too, with Fidelity Investments offering **customers** wireless transmissions of research, market data, and stock trades. One outfit that made a big splash last spring by beaming free stock-market **data** to pagers is software maker MicroStrategy, which **sends** an alert if any stock in your portfolio has fallen, say, 30%. If an

investor...

...smart cellular phones, meaning the ones that have small data screens. Other wireless options, including **Palm Pilots** and laptops, are also discussed.

**17/3,K/45 (Item 8 from file: 483)**  
DIALOG(R) File 483:Newspaper Abs Daily  
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01965742

**Motorola's Device Allows Laptops to Talk via Radio**  
Wall Street Journal, Sec B, p 6, col 6  
Sep 15, 1992  
ISSN: 0099-9660                    NEWSPAPER CODE: WSJ  
DOCUMENT TYPE: News; Newspaper  
LANGUAGE: English                    RECORD TYPE: ABSTRACT  
LENGTH: Short (0-6 col inches)

ABSTRACT: Motorola Inc introduced a new **pocket** -sized device for **users** of laptop and notebook **computers** that **sends** and receives **data** over the company's Ardis public radio network.

?

? show files; ds; save temp; logoff hold  
File 256:TecInfoSource 82-2004/Dec  
(c) 2004 Info.Sources Inc

Set	Items	Description
S1	2038	POCKET?? OR PALM()TOP?? OR PALMTOP?? OR PALM(2N)PILOT?? - OR HANSPRING?? OR HAND()SPRING?? OR ( HANDHELD?? OR HAND()HE- LD??) (3N) (DEVICE? OR UNIT?) OR POCKETPC OR POCKET()PC
S2	2398	S1 OR (HANDHELD()DIGITAL()ORGANIZER?? OR PDA OR (PORTABLE- ?? OR PERSONAL??) ()DIGITAL()ASSISTANT?? OR PORTABLE()COMPUT??- ?()DEVICE??)
S3	4044	(TRANSFER? OR UPDAT??? OR SHAR??? OR TRANSMIT??? OR COMMUN- ICAT??? OR SEND???) (7N) (MPG OR MPEG OR MOVING()PICTURE()EXPER- T()GROUP?? OR DATA OR FILE?? OR RECORD?? OR STOR???(3N)FILE?? OR MEDIA(3N)FILE?? OR VIDEO??)
S4	14731	(STB OR SET()TOP()BOX OR SET()BOX OR TOP()BOX OR COMPUTER?? OR CPU OR NODE?? OR TERMINAL?? OR PROCESSOR?? OR MICROPROCES- SOR?? OR WEB()TV?? OR PC()TV??)
S5	37748	(USER?? OR CUSTOMER?? OR CLIENT?? OR OWNER??)
S6	6367	(MOTIVAT??? OR ADVANTAG? OR BENEFI?)
S7	0	AU =(TILFORD, A? OR TILFORD A?)
S8	4	S2(S)S3(S)S4(S)S5(S)S6
S9	4	S8 NOT PY>2000
S10	1	S2(S)S6(20N)S3(S)S4
S11	1	S10 NOT PY>2000
S12	30	S2(25N)S3(25N)S4(25N)S5
S13	30	S12 NOT PY>2000

9/3,K/1

DIALOG(R) File 256:TecInfoSource  
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00148948 DOCUMENT TYPE: Review

PRODUCT NAMES: Kyocera Smartphone (105325); BlackBerry 6510 (755818);  
ACCPAC Messenger (148466)

TITLE: **Performance in Your Pocket: Mobile phones and PDAs have come to...**

AUTHOR: Stimpson, Jeff

SOURCE: Practical Accountant, v38 n7 p38(4) Jul 2003

ISSN: 0032-6321

HOMEPAGE: <http://www.electronicaccountant.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20031230

...Motion's BlackBerry 6510, and ACCPAC's ACCPAC Messenger are highlighted in a discussion the **advantages** of new **personal digital assistant** (**PDA**) abilities for mobile accounting professionals. For instance, an accountant with a firm that provides brokerage services to **clients** finds PDAs useful in resolving problems with **client** paperwork or questions from broker dealers on an account. He can receive text messages on...

...of directions. Handhelds are especially effective for practitioners, particularly for contact management. Today's handhelds **benefit** accountants with genuinely comprehensive cell/Web/ **PDA** phone functionality and through the use of technology that allows different handhelds to **share** features and **data** with each other. Accountants now expect that they will be able to maintain uninterrupted workflow and communicate with colleagues and **clients**, irrespective of the accountant's business travel destinations. The Smartphone, a Palm-ready device, includes...

...mail. Bluetooth appliances also allow a cell phone to dial from a database in a **PDA**, to **share** **PDA** **data** with a notebook **computer**, and to have a wireless headset to call people via voice-activated dialing from the...

9/3,K/2

DIALOG(R) File 256:TecInfoSource  
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00146104 DOCUMENT TYPE: Review

PRODUCT NAMES: FieldForce Planner (171514); CUSTIMA (171522)

TITLE: **Mapplets: Three Valley's Award-Winning Field Information System**

AUTHOR: Corcoran, Marta Lockie, Matt

SOURCE: GeoSpatial Solutions, v13 n3 p22(2) Mar 2003

ISSN: 1529-7403

HOMEPAGE: <http://www.geospatial-online.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20030930

...its award-winning field information system is described. To achieve a genuine economic and environmental **advantage** and increase efficiency and **customer** service satisfaction, the field information system (FIS) was deployed with job management that includes live online mapping that is sent to **handheld devices** from a central database. The FIS acts as a mobile office for field technicians responding...

...management solution, Workplace's JobWise now FieldForce Planner scheduling solution, and DST's CUSTIMA QOS **customer** query and contact system) are fully integrated to create one system. Staff use a ruggedized, stylus-enabled, portable teletransaction **computer** to access the FIS. The handheld gathers, stores, and **sends data** and permits bidirectional information flow between the main office and the field. A 190MHz SA10100 Strong ARM **microprocessor** provides excellent processing speed and low power consumption. The device communicates with a field server...

9/3,K/3

DIALOG(R) File 256:TecInfoSource  
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00139238 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Windows CE (633119); Microsoft Internet Explorer (577375); Linux (833916)

TITLE: Cost-Effective Applications for Industrial Computers  
AUTHOR: Hebert, Dan  
SOURCE: Control, v15 n3 p41(4) Mar 2002  
ISSN: 1049-5541  
HOMEPAGE: <http://www.controlmagazine.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20020930

Microsoft Windows CE, Microsoft Internet Explorer, and Linux are highlighted in a discussion of the **advantages** of newer, smaller, more robust, and less costly combinations of specially designed hardware and small...

...control. Compact platforms can replace a Windows NT PC and will require less memory and **processor** speed. The platform creates less heat, which allows vendors to seal the unit. The platform...

...parts; power consumption is also lower. The OSes permit close connectivity with application programs, and **users** can limit access to application software. The OS is also better tuned for real-time control, and end- **users** cannot use the machine to run such unapproved applications as games. However, the primary reason...

...of a Windows NT license. For instance, The Dixie Group uses a Windows

CE-based **personal digital assistant** ( **PDA** ) in a carpet processing plant. The **PDA** runs Microsoft Internet Explorer for wireless Internet access, and an Emerson Process Control DeltaV control system posts Web pages, while the **PDA** receives **data** from and **transmits data** to the control system through those Web pages.

**9/3,K/4**

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00136850 DOCUMENT TYPE: Review

**PRODUCT NAMES: StarRemote (089281)**

**TITLE: Dial 'R' for Remote Administration: New applications move remote...**  
**AUTHOR: Yokomizo, Sean**  
**SOURCE: M-business, v2 n2 p31(2) Feb 2002**  
**ISSN: 1532-3137**  
**HOME PAGE: <http://www.mbizcentral.com>**

**RECORD TYPE: Review**  
**REVIEW TYPE: Product Analysis**  
**GRADE: Product Analysis, No Rating**

**REVISION DATE: 20030330**

...StarRemote wireless, and Thinkers Groups allow IT departments to quickly solve some network difficulties by **sending** commands from **data** -ready cell phones or wireless **personal digital assistants** (PDAs). Tools are available both standalone and as add-ons to such products as **Computer Associates International's** (CA's) Unicenter and Hewlett-Packard's OpenView. **Users** include Lockheed-Martin and Citgo. Implementation is not expensive and high levels of functionality are...

...frequent problems resolved by his five- staffer team. Mobile Insights points out that the primary **user** of a mobile administration tool is likely to be the network administrator, who will be able to fix simple problems in or out of the office, which is an **advantage** for companies with large campuses. An analyst says one of the drawbacks of mobile administration...

?

**11/3,K/1**

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00148948 DOCUMENT TYPE: Review

**PRODUCT NAMES: Kyocera Smartphone (105325); BlackBerry 6510 (755818);  
ACCPAC Messenger (148466)**

**TITLE: Performance in Your Pocket: Mobile phones and PDAs have come to...**

**AUTHOR: Stimpson, Jeff**

**SOURCE: Practical Accountant, v38 n7 p38(4) Jul 2003**

**ISSN: 0032-6321**

**HOMEPAGE: <http://www.electronicaccountant.com>**

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20031230

...6510, and ACCPAC's ACCPAC Messenger are highlighted in a discussion the advantages of new **personal digital assistant ( PDA )** abilities for mobile accounting professionals. For instance, an accountant with a firm that provides brokerage...

...of directions. Handhelds are especially effective for practitioners, particularly for contact management. Today's handhelds **benefit** accountants with genuinely comprehensive cell/Web/ **PDA** phone functionality and through the use of technology that allows different handhelds to **share** features and **data** with each other. Accountants now expect that they will be able to maintain uninterrupted workflow...

...mail. Bluetooth appliances also allow a cell phone to dial from a database in a **PDA**, to share **PDA** data with a notebook **computer**, and to have a wireless headset to call people via voice-activated dialing from the

...

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**13/3,K/1**

DIALOG(R) File 256:TecInfoSource  
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01744506 DOCUMENT TYPE: Product

**PRODUCT NAME: WebEx Meeting Center (744506)**

WebEx Communications Inc (650901)  
307 W Tasman Dr  
San Jose, CA 95134 United States  
TELEPHONE: (408) 435-7000

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20030804

...other participants online meetings and training sessions. Content can be delivered to desktop and laptop **computers** , as well as to **handheld devices** . WebEx Meeting Center **users** can give presentations, demonstrate software, display and edit documents, share applications, and conduct Web tours. The services also provide **users** with remote desktop control options. WebEx Meeting Center includes chat, teleconferencing, and videoconferencing features. Participants can choose from English, Japanese, Korean, French, German, or Swedish languages. The solution also offers **file transfer** , polling, transaction recording and playback, and faxing options. WebEx Meeting Center has encryption and password...

**13/3,K/2**

DIALOG(R) File 256:TecInfoSource  
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01583103 DOCUMENT TYPE: Product

**PRODUCT NAME: Adobe Reader 6.0 (583103)**

Adobe Systems Inc (394173)  
345 Park Ave  
San Jose, CA 95110-2704 United States  
TELEPHONE: (408) 536-6000

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20030925

Adobe Systems' Adobe (R) (R) Reader (R) 6.0 is a free program that allows **users** to read Adobe Acrobat PDF files. The program works across all major **computer** platforms, including **PDA** systems. The Reader has file search options. The system can validate digital signatures. **Users** also can open **files** and **send** e-mail attachments from within the program. Adobe Reader also reflows text when windows are...

**13/3,K/3**

DIALOG(R) File 256:TecInfoSource  
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01195774 DOCUMENT TYPE: Product

**PRODUCT NAME: RemotelyAnywhere Enterprise, Server, Personal (195774)**

3am Labs Ltd (750441)  
Chancery Hall 52 Reid St  
Hamilton, HM 12, BR Bermuda  
TELEPHONE: ( ) 361-3362410

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20040503

3am Labs' RemotelyAnywhere, offered in Personal, Enterprise, and Server editions, allows **users** to control remote **computers** from the Web. The Personal version of the solution includes remote printing, folder synchronization, and security features. RemotelyAnywhere Enterprise includes a compression algorithm that adapts to bandwidth constraints. It provides **users** with automated desktop resizing, emergency reboot, task scheduling, and port usage reporting features. It also includes bi-directional **file transfer**, real-time monitoring and logging, scripting, and e-mail notification tools. **Computers** can be accessed and controlled through wireless **PDA** devices. RemotelyAnywhere Server includes event logging tools. It provides **users** with automated remote-to-local printing, IP filtering, and command line installation features. A 30...

**13/3,K/4**

DIALOG(R) File 256:TecInfoSource  
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01160237 DOCUMENT TYPE: Product

**PRODUCT NAME: eCell (160237)**

DynoPlex Inc (740047)  
70-23 Juno St  
Forest Hills, NY 11375 United States  
TELEPHONE: (718) 268-4522

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20030730

DynoPlex's eCell (TM) is a **PDA** spreadsheet application that allows BlackBerry **users** to **transfer files** to and from desktop **computers**. The system supports the display and editing of spreadsheet files. **Users** can create documents with up to 65,536 rows and 256 columns. The program also...

...editing of mathematical and scientific formulas. eCell works with

Microsoft (R) Excel (R). It provides **users** with diagramming, graphing, and data format support features. Toolbar buttons speed access to main commands. eCell offers **users** bar, line, pie, scatter, area, bubble, radar, doughnut, and other diagram options.

**13/3,K/5**

DIALOG(R) File 256:TecInfoSource  
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01160091 DOCUMENT TYPE: Product

**PRODUCT NAME: Microsoft Plus! Digital Media Edition (160091)**

Microsoft Corp (112127)  
1 Microsoft Way  
Redmond, WA 98052-6399 United States  
TELEPHONE: (425) 882-8080

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20030528

...Microsoft (R) Plus! Digital Media Edition simplifies the sharing of photographs. The system also provides **users** with special effects, narration, and noise filtering features. Employing Microsoft Plus! Digital Media Edition, **users** can create multimedia photo **stories** and **share files** over the Web. The system also automatically delivers current news and other content to **Pocket PC** devices. The program's Party Mode jukebox feature restricts unauthorized access to other **computer** files. Microsoft Plus! Digital Media Edition also allows **users** to convert cassette tape and vinyl record content into digital form. The system includes CD...

**13/3,K/6**

DIALOG(R) File 256:TecInfoSource  
(c) 2004 Info.Sources Inc. All rts. reserv.

01133523 DOCUMENT TYPE: Product

**PRODUCT NAME: Ekahau Positioning Engine 2.0 (133523)**

Ekahau Inc (732133)  
12930 Saratoga Ave #B-9  
Saratoga, CA 95070 United States

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20030228

...s Ekahau Positioning Engine (TM) 2.0 is a Java-based positioning server that provides **client** applications with **computer** and **PDA** location coordinate features. It also provides programs with tracking features.

Ekahau Positioning Engine 2.0...

...of positioning error vectors, coverage areas, and signal strengths, allowing managers to optimize networks for **data transfers**. The system complies with 802.11 standards, and it works with most wireless LAN hardware...

**13/3,K/7**

DIALOG(R) File 256:TecInfoSource  
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01124222 DOCUMENT TYPE: Product

**PRODUCT NAME: IBM Tivoli Configuration Manager (124222)**

IBM Corp (516007)  
611 W Courtyard Dr  
Austin, TX 78741 United States

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20030507

...IBM's Tivoli Division, provides systems administrators with software distribution features. Its inventory component allows **users** to automatically scan and collect hardware and software configuration information from multiple enterprise **computer** systems. The system provides network managers with packing, planning, installation, and reporting tools. IBM Tivoli Configuration Manager's multicasting features streamline the distribution of software and **data**. The system supports PalmOS, **PocketPC**, and Nokia **Communicator** devices. It also can reference enterprise directory information, allowing software distribution and inventory processes to be targeted by **user**. A centralized console simplifies management operations. IBM Tivoli Configuration Manager works in multi-level firewall...

**13/3,K/8**

DIALOG(R) File 256:TecInfoSource  
(c) 2004 Info.Sources Inc. All rts. reserv.

01122483 DOCUMENT TYPE: Product

**PRODUCT NAME: PeopleSoft Mobile FieldService (122483)**

PeopleSoft Inc (484521)  
4460 Hacienda Dr  
Pleasanton, CA 94588-8618 United States  
TELEPHONE: (925) 225-3000

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20021230

PeopleSoft's PeopleSoft Mobile FieldService, part of the **Customer Relationship Management** product line, provides field technicians with a wide range of service information. Data can be accessed with laptop **computers** or **handheld devices**. PeopleSoft Mobile FieldService allows technicians to identify priority service requests and to schedule appointments accordingly...

...service call detail, required equipment, and warranty information. PeopleSoft Mobile FieldService speeds the downloading and **updating** of service order **data** and billing and collection tasks. The product streamlines communication between remote **users** and enterprise administrators. PeopleSoft Mobile FieldService helps eliminate data entry errors. It can be used...

**13/3,K/9**

DIALOG(R) File 256:TecInfoSource  
(c) 2004 Info.Sources Inc. All rts. reserv.

01116751            DOCUMENT TYPE: Product

**PRODUCT NAME: Electronic Meter Reading (EMR) (116751)**

Itron Inc (728489)  
2818 N Sullivan Rd  
Spokane, WA 99216-1897 United States  
TELEPHONE: (509) 924-9900

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20021130

Itron's Electronic Meter Reading (EMR) employs **handheld devices** and integrated software in capturing data from electric, gas, and water meters. EMR also collects...

...and tampering. The system streamlines manual data entry processes. EMR also reduces data entry errors. **Users** download meter route information into the product and enter read data into the EMR **handheld device**. Stored information then is **transferred** to a host **computer**, which forwards **data** to the utility billing system. A single EMR system can be used to read gas...

**13/3,K/10**

DIALOG(R) File 256:TecInfoSource  
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01087432            DOCUMENT TYPE: Product

**PRODUCT NAME: Novell iFolder 2.1 (087432)**

Novell Inc (344893)  
404 Wyman St #500  
Waltham, MA 02451 United States  
TELEPHONE: (781) 464-8000

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20040401

Novell's Novell iFolder (TM) 2.1 is a secure storage system that allows remote **users** to back up, access, and manage personal files. After files are saved locally, Novell iFolder 2.1 automatically **updates files** on network servers, distributing them to **users**' remote **computers**. The system eliminates the need to e-mail files from office to home or other **computers**. Novell iFolder synchronizes files across machines, ensuring data integrity. The system forwards only changed data to remote **computers** and **handheld devices**. Novell iFolder simplifies **data** access. It serves as a backup tool. **Transmitted files** are encrypted as they are delivered, eliminating the need to deploy virtual private networks (VPNs) for data distribution. Novell iFolder can scale to support millions of **users**. iFolder provides administrators with remote, browser-based server management and reporting features.

**13/3,K/11**

DIALOG(R) File 256:TecInfoSource  
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01066061 DOCUMENT TYPE: Product

**PRODUCT NAME: QuickLink Pen (066061)**

WizCom Technologies Ltd (711543)  
8b HaMarpe St Har Hotzvim  
Jersualem, IS 97774 Israel  
TELEPHONE: ( ) 972-25328222

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20011230

...clip, or store text, Internet links, tables, or charts from any type of document. The **data** can be easily **transferred** into a **computer**, **PDA**, or text-enabled cell phone. Information can be scanned directly into any application in real...

...between six and 22 points. It can recognize bold, italic, underlined, or inverted text, and **users** can also input text manually through the built-in character bar. Instant scanning is available...

**13/3,K/12**

DIALOG(R) File 256:TecInfoSource  
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00148948 DOCUMENT TYPE: Review

**PRODUCT NAMES: Kyocera Smartphone (105325); BlackBerry 6510 (755818);  
ACCPAC Messenger (148466)**

**TITLE:** **Performance in Your Pocket: Mobile phones and PDAs have come to...**  
**AUTHOR:** Stimpson, Jeff  
**SOURCE:** Practical Accountant, v38 n7 p38(4) Jul 2003  
**ISSN:** 0032-6321  
**HOMEPAGE:** <http://www.electronicaccountant.com>

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Analysis  
**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20031230

...a firm that provides brokerage services to clients finds PDAs useful in resolving problems with **client** paperwork or questions from broker dealers on an account. He can receive text messages on...

...practitioners, particularly for contact management. Today's handhelds benefit accountants with genuinely comprehensive cell/Web/ **PDA** phone functionality and through the use of technology that allows different handhelds to **share** features and **data** with each other. Accountants now expect that they will be able to maintain uninterrupted workflow and communicate with colleagues and **clients**, irrespective of the accountant's business travel destinations. The Smartphone, a Palm-ready device, includes

...

...mail. Bluetooth appliances also allow a cell phone to dial from a database in a **PDA**, to **share** **PDA** **data** with a notebook **computer**, and to have a wireless headset to call people via voice-activated dialing from the...

**13/3, K/13**

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00148460                   **DOCUMENT TYPE:** Review

**PRODUCT NAMES:** Microsoft SQL Server (259748); Microsoft Embedded Visual Basic (187364); Informix (263206)

**TITLE:** **City Uses Handheld Apps**  
**AUTHOR:** Jordan, Walt  
**SOURCE:** Database Trends, v17 n7 p24(1) Jul 2003  
**ISSN:** 1089-019X  
**HOMEPAGE:** <http://www.dbtr.com>

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Analysis  
**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20040130

...field. Police cars, some garbage trucks, and some street sweepers also have GPS devices that **send** real-time **data** back to IT. GIS and GPS technology usage gave rise to interest in embedded and handheld applications, which are meant to increase management efficiency and **customer** service. SQL Server CE was used in development of a new inventory tracking system for technical assets, **computers**, and phones, and the

current system uses scanners from Symbol Technologies that are based on **Pocket PC** 2002. A prototype was developed with Embedded Visual Basic, then tested and changed. The new...

**13/3,K/14**

DIALOG(R) File 256:TecInfoSource  
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00148047 DOCUMENT TYPE: Review

**PRODUCT NAMES: iPAQ (060992) ; Axim (183423) ; Pocket PC (004952)**

**TITLE: Wireless holds key to handheld computing**

**AUTHOR: Kellner, Mark**

**SOURCE: Washington Technology, v18 n4 p24(1) May 26, 2003**

**ISSN: 1058-9163**

**HOMEPAGE: <http://www.washingtontechnology.com>**

**RECORD TYPE: Review**

**REVIEW TYPE: Product Comparison**

**GRADE: Product Comparison, No Rating**

**REVISION DATE: 20031030**

...s (HP's) iPAQ device has considerable popularity and vendor support for accessories, and Dell **Computer** 's Axim puts Microsoft **Pocket PC** in the same price category as many Palm devices. Palm also provides many new products for consumers and enterprise **users** , including a wireless IEEE 802.11b-enabled device. Many devices now have built-in wireless abilities via Wi-Fi and Bluetooth, which is good news for **users** who move about a campus environment or travel widely. Such companies as T-Mobile are providing hotspots in thousands of locations, and Bluetooth phones provide **data communication** access to handhelds. Eleven vendors' products are compared for type of device, screen characteristics, operating system (OS) , RAM, communication components, and cost. For instance, Hewlett-Packard (HP) offers four iPAQ **PDA** models ranging from \$299 to \$699, and **Handspring** offers four as well, including two **personal digital assistants** (PDAs) and two **PDA** /phones.

**13/3,K/15**

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00147217 DOCUMENT TYPE: Review

**PRODUCT NAMES: CoMotion (183164)**

**TITLE: Taming Data Complexity**

**AUTHOR: King, Julia**

**SOURCE: Computerworld, v37 n26 p31(1) Jun 30, 2003**

**ISSN: 0010-4841**

**HOMEPAGE: <http://www.computerworld.com>**

**RECORD TYPE: Review**

**REVIEW TYPE: Product Analysis**

**GRADE: Product Analysis, No Rating**

REVISION DATE: 20031230

...enabled information space where people gather and collaborate. A container called a 'u-form' eases **transfer** and manipulation of **data** over various **computer** systems and applications. Higher-level semantics can be layered atop the u- forms. A set of 'shepherds' (rule-based software agents developed by data **owners**) can be encrypted and shepherded only to paying **customers**, and identical data can be viewed in different formats. For example, one group might want...

...map of warehouses and contents, and another might need a bar chart shown on a **handheld device** to display goods available for shipment from the same warehouses. The U.S. Transportation Command...

...cargo since 9/11. With CoMotion, Transcom can show data in different views to its **customers**. For example, if ships are used for transport, metric feet have to be displayed, while other **customers** have to view tons or short tons. An analyst says u-forms and the Semantic...

**13/3,K/16**

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00146104 DOCUMENT TYPE: Review

PRODUCT NAMES: **FieldForce Planner (171514)**; **CUSTIMA (171522)**

**TITLE:** **Maplets: Three Valley's Award-Winning Field Information System**  
**AUTHOR:** Corcoran, Marta Lockie, Matt  
**SOURCE:** GeoSpatial Solutions, v13 n3 p22(2) Mar 2003  
**ISSN:** 1529-7403  
**HOME PAGE:** <http://www.geospatial-online.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20030930

...system is described. To achieve a genuine economic and environmental advantage and increase efficiency and **customer** service satisfaction, the field information system (FIS) was deployed with job management that includes live online mapping that is sent to **handheld devices** from a central database. The FIS acts as a mobile office for field technicians responding...

...management solution, Workplace's JobWise now FieldForce Planner scheduling solution, and DST's CUSTIMA QOS **customer** query and contact system) are fully integrated to create one system. Staff use a ruggedized, stylus-enabled, portable teletransaction **computer** to access the FIS. The handheld gathers, stores, and **sends** **data** and permits bidirectional information flow between the main office and the field. A 190MHz SA10100...

**13/3,K/17**

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00145196 DOCUMENT TYPE: Review

PRODUCT NAMES: M2M Gateway (161004); SNAPIT I/O (161012)

TITLE: **Wireless that works: Nokia and Opto 22 enable plant and field...**

AUTHOR: Sussman, Dan

SOURCE: MSI, v21 n1 p16(3) Jan 2003

ISSN: 0748-9488

HOME PAGE: <http://www.manufacturingsystems.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20040130

...O, an I/O system that links devices to companies, and Nokia's Nokia 31 **terminal** and M2m Gateway software will be combined to provide wireless connectivity to remote devices, which...

...for Opto says Bayer will use it in chemical plants to tell Bayer automatically when **customers** need supplies. Opto 22 SNAPIT I/O is combined with a Nokia 31 **terminal**, a **pocket**-sized device that is basically a wireless modem that **transmits data** via GSM (Global System for Mobile **Communication**)/General Packet Radio Service (GPRS) mobile networks. The Nokia M2M Gateway software manages communications and directs data to **users**. Nokia M2M Gateway makes a standard offering possible, and is much faster, with 56Kbps transmission as compared with 9600 dial-up connectivity. Setup is not required; **users** stay connected, which means that cellular networks can communicate important information in an industrial environment...

**13/3,K/18**

DIALOG(R) File 256:TecInfoSource

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00140284 DOCUMENT TYPE: Review

PRODUCT NAMES: T-Mobile Pocket PC Phone Edition (119229)

TITLE: **Pocket PC smart phone: Smart client**

AUTHOR: Brooks, Jason

SOURCE: eWeek, v19 n31 p1(2) Aug 5, 2002

ISSN: 1530-6283

HOME PAGE: <http://www.eweek.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20030330

...Mobile General Packet Radio Service (GPRS) network. T-Mobile's ('VoiceStream Wireless') device, runs a **Pocket** PC 2002 version that Microsoft has expanded to support phone functions. With T-Mobile Pocket...

...network (VPN) virtual private network (VPN), terminal services, and server synchronization functions, making T-Mobile **Pocket PC** Phone Edition an attractive enterprise client. T-Mobile's network service plan allow users to...

...separately. Data access is measured in kilobytes transferred. Verizon Audiovox There also provides phone and **personal digital assistant** (PDA) features in a **Pocket PC**, but the T-Mobile device is the first to ship with Microsoft's Phone Edition of **Pocket PC**. During testing, the T-Mobile **Pocket PC** as impressive as an Internet-linked handheld computer. Components, including an Intel 206MHz StrongARM **processor** and 32MB of RAM, performed well, and peripheral or storage expansion is possible with Secure...

**13/3,K/19**

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00138611 DOCUMENT TYPE: Review

**PRODUCT NAMES: Palm Pilot (099309); WordPerfect Office 2002 (756521); WordPerfect Office 2000 for Linux (756521)**

**TITLE: Word Processing Today**

**AUTHOR: Joyce, John**

**SOURCE: Scientific Computing & Instrumentat, v19 n5 p12(1) Apr 2002**

**ISSN: 0891-9003**

**HOME PAGE: http://www.scimag.com**

**RECORD TYPE: Review**

**REVIEW TYPE: Product Analysis**

**GRADE: Product Analysis, No Rating**

**REVISION DATE: 20040430**

**Palm's Palm Pilot and Corel's WordPerfect Office 2002 and WordPerfect Office 2000 for Linux are useful tools...**

...represent only a few of the many choices available to today's scientist and researcher. **Users** can **transfer files** between platforms, and Microsoft Word is probably used on just about all desktop **computers** in American companies. Word is an advanced and full-featured product, but scientific **users** might have some difficulty getting Word to meet their needs. The user has tried various...

**13/3,K/20**

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00137106 DOCUMENT TYPE: Review

**PRODUCT NAMES: 802.11 (845264); Bluetooth (841455); LibertyLink (102431)**

**TITLE: Bluetooth alternatives: Out of the PAN**

AUTHOR: Swahn, Alan  
SOURCE: commVerge, v3 n2 p14(1) Feb 2002  
ISSN: 1531-7838  
HOMEPAGE: <http://www.commvergemag.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20030330

...radio frequency energy to transport voice and data. Therefore, systems require only 4 milliamps to **transmit data** and 7 milliamps to **transmit** voice over 1 meter. In contrast, Bluetooth products need between 10 and 30 times more...

...this really means that the Bluetooth chips alone will cost \$5. LibertyLink costs \$9 per **node** for all needed components, including the battery, and **customers** are using magnetic induction to develop products for mobile phones, headsets, industrial monitoring devices, telematics, **personal digital assistants** (PDAs), and gaming.

**13/3,K/21**

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00136850 DOCUMENT TYPE: Review

**PRODUCT NAMES: StarRemote (089281)**

**TITLE: Dial 'R' for Remote Administration: New applications move remote...**  
AUTHOR: Yokomizo, Sean  
SOURCE: M-business, v2 n2 p31(2) Feb 2002  
ISSN: 1532-3137  
HOMEPAGE: <http://www.mbizcentral.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20030330

...StarRemote wireless, and Thinkers Groups allow IT departments to quickly solve some network difficulties by **sending** commands from **data** -ready cell phones or wireless **personal digital assistants** (PDAs). Tools are available both standalone and as add-ons to such products as **Computer** Associates International's (CA's) Unicenter and Hewlett-Packard's OpenView. **Users** include Lockheed-Martin and Citgo. Implementation is not expensive and high levels of functionality are...

**13/3,K/22**

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00135097 DOCUMENT TYPE: Review

**PRODUCT NAMES: LinksPoint (081868)**

**TITLE:** GPS Aids Recovery Effort: Searchers in New York use handheld...  
**AUTHOR:** Rendleman, John  
**SOURCE:** Information Week, v863 p44(1) Nov 12, 2001  
**ISSN:** 8750-6874  
**HOMEPAGE:** <http://www.informationweek.com>

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Analysis  
**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20030330

...the process was too time consuming. The Fire Department now employs Symbol Technologies' Symbol PPT **handheld devices** and LinksPoint's location-based software. Searchers use barcode readers that are attached to the handheld **computers**, scanning the barcodes that are placed on pieces of evidence. This process creates an electronic record that allows **users** to describe evidence. Using LinksPoint's software, the **record** also is **updated** with location, date, and time information. At the end of work shifts, collected information is...

**13/3, K/23**  
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00128661                   **DOCUMENT TYPE:** Review

**PRODUCT NAMES:** Citrix MetaFrame (706515); Microsoft .NET (006441); Open Application Services Platform (037931)

**TITLE:** Citrix is Feeling the Pinch: Upstarts target key parts of...  
**AUTHOR:** Koblenz, Evan  
**SOURCE:** eWeek, v18 n8 p25(1) Feb 26, 2001  
**ISSN:** 1530-6283  
**HOMEPAGE:** <http://www.eweek.com>

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Analysis  
**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20020430

Citrix Systems, the leader in the thin- **client** computing market, has announced a major redesign of its MetaFrame software and says the new...

...a slice of the market by streaming directly from an application and bypassing Microsoft Windows **Terminal Services**, on which MetaFrame depends. Softricity's method is based on application streaming, which **sends** only a program's executable **file** over a network to a conventional **computer** and allows **customers** to centralize management. With Microsoft's .NET platform, Citrix loyalty, and a future demand for delivery of software **handheld devices**, says a spokesperson for Softricity, Softricity can provide a management and provisioning back end. **Users** who do not want to replace Citrix with application streaming can choose tools from Allegrix...

...a hosted service. However, Allegrix is also considering selling a

licensed desktop product. Some prospective **customers** regard Citrix, since it is a known firm with a large reseller and installed base...

**13/3,K/24**

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00128397 DOCUMENT TYPE: Review

**PRODUCT NAMES: RealSync 3.3 (033014)**

**TITLE: Synchrologic Adds Value to Handheld Devices**

**AUTHOR: McConnell, Christopher**

**SOURCE: ent, v6 n1 p20(2) Jan 29, 2001**

**ISSN: 1085-2395**

**HOME PAGE: http://www.entmag.com**

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20040627

Synchrologic's RealSync 3.3 can push more enterprise data to Palm OS-based **handheld devices**. Most **users** synchronize **handheld devices** with a desktop **computer** using a slow wireline connection to **transfer data** between two devices. Synchrologic provides a Windows NT server product that permits devices to synchronize...

...infrastructure. He says linking data delivery to one connection, either wireless or desktop wireline, 'impedes **user** access to corporate data.' Servers running RealSync 3.3 provide a modular infrastructure for synchronization...

**13/3,K/25**

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00127271 DOCUMENT TYPE: Review

**PRODUCT NAMES: Transactor (027227)**

**TITLE: Closing the Loop on Transactions**

**AUTHOR: Gill, Philip J**

**SOURCE: Knowledge Management, v3 n11 p79(1) Nov 2000**

**HOME PAGE: http://www.kmmag.com**

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20030330

MicroStrategy's Transactor can not only push information to **users**, it can also allow **users** to act on the information. For instance, Transactor gathers information from back-end databases, Web...

...systems and pushes it over the Internet as proactive content in XML format. A desktop **computer** with a Web browser, a **personal digital assistant** ( **PDA** ), and a Wireless Application Protocol (WAP)-enabled telephone with an XML subset can receive the **data** and **send** back an action request to Transactor. Transactor then instructs a back-end system to finish...

...MicroStrategy 7 allows Transactor to automatically notify and alert through wireless devices based on preset **customer** activity. Alone, Transactor can extend installed Web applications to wireless devices and can aggregate content...

**13/3,K/26**

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00126782        DOCUMENT TYPE: Review

**PRODUCT NAMES:** WAP (839027); Bluetooth (841455)

**TITLE:** Mobile Devices Are Connecting To The Web And Each Other Without Wires

**AUTHOR:** Stringer, Heather  
**SOURCE:** TechWeek, v3 n16 p14(4) Aug 7, 2000  
**HOME PAGE:** <http://www.techweek.com>

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Analysis  
**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20030330

...construction of wireless devices that can intercommunicate. WAP-based phones are currently available and allow **users** to, for instance, check e-mail and stock quotes, or to buy movie tickets with...

...Web- accessible. Bluetooth products to be available within the next year, say analysts, will allow **users** to buy add-on services that allow **personal digital assistants** (PDAs), cell phones, and **computers** to **transfer** **data** without plugging in any cords. Bluetooth-ready devices will allow workers to toil at home, download documents to their PDAs, and **transfer** **data** to work **computers** over the airwaves. Bluetooth-ready devices are also expected to allow people to pay for...

...will interfere with wireless LANs, since both use the same frequency band. WAP detractors say **users** will find the technology too slow. However, 1,900 vendors have joined the Bluetooth Special...

**13/3,K/27**

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00126091        DOCUMENT TYPE: Review

**PRODUCT NAMES:** Maximizer 6.0 (723479); Lotus Organizer (393991); GoldMine (672068); ACT! 2000 (019253)

**TITLE:** Contacts At Your Fingertips: New Internet hooks expand...  
**AUTHOR:** Faden, Mike  
**SOURCE:** Information Week, v802 p69(4) Sep 4, 2000  
**ISSN:** 8750-6874  
**HOMEPAGE:** <http://www.informationweek.com>

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Analysis  
**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20040430

...allows companies to set up Web sites for online sales and coordinates communication with online **customers** from the Maximizer package on their desktops. Interact will provide a series of Internet functions, including the ability to set up online meetings, arrange travel, monitor online news about **clients**, and create Web sites where **customers** can go to view sales proposals or other information. Interact's fee-based portal site...

...Interact.com and is accessible from inside Act!. According to a spokesperson, the customary Act! **user** is a salesperson rather than a **computer** person, and Interact's service will make Internet tools convenient through agreements with providers of...

...new technology for salespeople is the ability to synchronize a contact management database with notebook **computers** and newer devices, including **Palm Pilots** and mobile phones. Other suppliers allow **users** to download phone numbers to mobile phones. Many companies, especially small and mid-sized companies...

...able to coordinate sales with other parts of their firm using a product that supports **data sharing**, such as Maximizer or GoldMine.

**13/3,K/28**

DIALOG(R) File 256:TecInfoSource  
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00124002            **DOCUMENT TYPE:** Review

**PRODUCT NAMES:** WAP (839027); Microsoft Pocket Internet Explorer (646954)

**TITLE:** Wireless Web Access  
**AUTHOR:** Alexander, Steve  
**SOURCE:** Computerworld, v34 n23 p84(1) Jun 5, 2000  
**ISSN:** 0010-4841  
**HOMEPAGE:** <http://www.computerworld.com>

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Analysis  
**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20030330

Microsoft's strategy for wireless Web access includes Microsoft Pocket Internet Explorer and **Pocket PC**, while Wireless Application Protocol (WAP) is a standard intended to deliver condensed Web information to...

...a method that reduces the quantity of data downloaded to a wireless-equipped Palm handheld **computer** with a 160 pixel-by-160 pixel screen. A proxy server handles queries from the Palm, obtains **data** from Web sites, and **sends** a compressed transmission of 500 bytes or less to the **handheld unit**. WAP is designed more for Internet-ready telephones and does not use a proxy server...

...used that has been rewritten in Wireless Markup Language (WML) to support a small screen. **Pocket Internet Explorer** for the **Pocket PC** provides access to full Web page content because it can reformat pages for enhanced display on the **Pocket PC**'s 320-by-240 pixel color screen. Some analysts are betting on the Microsoft technique...

...not require conversion of HTML pages to another format for a small audience of wireless **users**. Another analyst notes that over 300 companies back WAP, and Palm and its licensees are...

**13/3,K/29**

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00117781 DOCUMENT TYPE: Review

**PRODUCT NAMES:** SQL Anywhere Studio (765643); UltraLite (717461);  
Microsoft Windows CE (633119); Palm OS (608751); MS-DOS (702102)

**TITLE:** Symbol, Sybase team to provide mobile access to enterprise data

**AUTHOR:** Staff

**SOURCE:** Automatic ID News, v15 n3 p1(2) Mar 1999

**ISSN:** 0890-9760

**HOMEPAGE:** <http://www.AutoIDNews.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20040430

...SQL Anywhere Studio and UltraLite RDBMS technology will be able to run on Symbol portable **devices** and **handheld terminals**. **Customers** may use the system to automate collection and **sharing** of **data** from the point of a transaction to the enterprise system, in such industries as retail...

**13/3,K/30**

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00113837 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Jini (715069); Java (573744)

**TITLE:** FedEx Tests Jini's Business Promise

**AUTHOR:** Sliwa, Carol

**SOURCE:** Computerworld, v33 n5 p1(2) Feb 1, 1999

ISSN: 0010-4841

Homepage: <http://www.computerworld.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20020830

...plug into a network and to operate immediately, without the requirement for device drivers, particular **processors**, or special network configuration. The devices can then access resources and services from other devices...

...in the consumer market, but FedEx believes that it can enhance its business by allowing **users** of handheld **computers** in any location, such as **users** of mobile **terminals** in trucks, PCs, and the **data** center to **communicate** more effectively and to **share** resources. Jini is a concept that can unite the computing environment through the network, says...

...s chief technology officer. Jini-based devices will allow FedEx to communicate more productively with **customers**, since messages do not have to go from the **customer** to a **customer** service representative, then to dispatch, and then to a courier. FedEx is also working on an advanced, Web-based, Java-based, interactive **handheld device** that will ease direct communications. **Customers** will at some point in time be able to purchase Jini-ready devices that send...  
?

05908353 \*\*Image available\*\*

**DATA TRANSFER OUTPUT SYSTEM AND INFORMATION PROCESSING UNIT**

PUB. NO.: 10-191453 [JP 10191453 A]  
PUBLISHED: July 21, 1998 (19980721)  
INVENTOR(s): TAKI MINORU  
APPLICANT(s): CASIO COMPUT CO LTD [350750] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 08-343834 [JP 96343834]  
FILED: December 24, 1996 (19961224)

**DATA TRANSFER OUTPUT SYSTEM AND INFORMATION PROCESSING UNIT**

INTL CLASS: H04Q-007/38; G06F-013/00; G06F-017/60; H04N-001/00  
...JAPIO CLASS: Computer Applications)

**ABSTRACT**

PROBLEM TO BE SOLVED: To provide a **data transfer** output system which **transfers** document **data** or the like prepared by a **personal digital assistant** (PDA) to a printer installed at a shop designated by a **user** to allow the printer to print out the document data...  
... data and position information (or information relating to a succeeding mobile location) prepared by a **PDA** 10 are transmitted to a service center 20 via a personal handy phone system(PHS...)

... 20 selects information relating to a shop (a gas station in the case that a **user** is in a vehicle) being a print proposed location where a printer 30 is installed closer to the **PDA** 10 (or a succeeding moving location) than a database, transmits the information to the **PDA** 10 and the **user** designates the print location among the print proposed location displayed on the **PDA** 10 to allow the service center 20 to **transfer** document **data** to the designated printer 30, where the document is printed out.

18/3,K/5 (Item 5 from file: 347)

DIALOG(R)File 347:JAPIO  
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05646686 \*\*Image available\*\*

**INFORMATION PROCESSOR**

PUB. NO.: 09-261486 [JP 9261486 A]  
PUBLISHED: October 03, 1997 (19971003)  
INVENTOR(s): RUPUZE BUNOA  
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 08-072335 [JP 9672335]  
FILED: March 27, 1996 (19960327)

**INFORMATION PROCESSOR**

INTL CLASS: H04N-001/44 ; G06F-013/00; G06F-015/00; H04N-001/00 ;  
H04N-001/32  
...JAPIO CLASS: Computer Applications)  
...JAPIO KEYWORD: Pocket Bell Paging Devices); R131 (INFORMATION  
PROCESSING

ABSTRACT

... To transfer information from a peripheral input device to the storage destination different for each **user** on a network...

...SOLUTION: A preservation part 1-5 inside this device stores the information specifying the **user** , to which the use permission of this device is applied, and the output destination (such as the storage device and directory name of a **client** on the network) for each **user** . When the **user** connects a PCMCIA card, for example, storing the information specifying himself/herself to a PCMCIA...

... read by operating an image scanner connected to peripheral input equipment 1-4, these image **data** are **transferred** to the storage destination on the network peculiar for the retrieved **user** as a file.

18/3,K/6 (Item 6 from file: 347)

DIALOG(R) File 347:JAPIO

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05609346 \*\*Image available\*\*

FACSIMILE EQUIPMENT

PUB. NO.: 09-224146 [JP 9224146 A]

PUBLISHED: August 26, 1997 (19970826)

INVENTOR(s): SATO FUMIO

APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 08-049607 [JP 9649607]

FILED: February 14, 1996 (19960214)

INTL CLASS: H04N-001/32 ; H04N-001/00 ; H04N-001/00

...JAPIO KEYWORD: **Pocket** Bell Paging Devices)

ABSTRACT

PROBLEM TO BE SOLVED: To enable a **user** to recognize the termination of a call from arbitrary character information even at any place...

... from facsimile equipment by transmitting the character information to a pager previously set by the **user** . when the call is terminated...

...provided with a keyboard 8a and an LCD display part 8b, and the party to **transmit** **data** and the radio calling number of the pager or the like are set by the **user** and stored in any prescribed area inside a system memory 4. Then, when the call...

... read from the system memory 4 for reporting the termination of the call to the **user** , and a call is originated from a network controller 6. When the call origination of the pager is finished, the character information previously registered by the **user** is read out of the system memory 4 and converted to any code system recognizable for a base station under the control of a **CPU** 9 and afterwards, **data** (character information) are **transmitted** through a telephone line to the base station by PB signals.

18/3,K/7 (Item 7 from file: 347)

DIALOG(R) File 347:JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

04884742     \*\*Image available\*\*  
FACSIMILE EQUIPMENT

PUB. NO.:     07-177342 [JP 7177342 A]  
PUBLISHED:   July 14, 1995 (19950714)  
INVENTOR(s): YANAI AKIO  
                  TAKIGUCHI FUMIYUKI  
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP  
                  (Japan)  
APPL. NO.:    05-343653 [JP 93343653]  
FILED:       December 16, 1993 (19931216)

INTL CLASS:   H04N-001/32 ;   H04N-001/00

ABSTRACT

PURPOSE: To obtain a facsimile equipment enabling a **pocket** pager **owner** to easily check a caller party or the contents of communication and capable of improving the operability of **pocket** pager transfer by utilizing a **pocket** pager transfer function...

...CONSTITUTION: The facsimile equipment includes a **CPU** 1 for controlling the whole equipment a ROM 2, a RAM 3, a gate array 5 for controlling an NCU 11, a modem 9 for modulating/demodulating **transmitted** /received **data**, and the NCU 11 for connecting a line from a telephone line network 12 to...

... 9. The equipment has a function for calling the telephone number of a previously registered **pocket** pager 13 to inform the **pocket** pager **owner** of the existence of an in-coming call after ending communication for facsimile, after ending...  
?

26/3,K/1 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

013612242 \*\*Image available\*\*  
WPI Acc No: 2001-096450/200111  
XRXPX Acc No: N01-073276

**Information processor for digital camera, detects set up of digital camera and changes set up using setting modification unit based on detection result**

Patent Assignee: CANON KK (CANO )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000330918	A	20001130	JP 99140729	A	19990520	200111 B

Priority Applications (No Type Date): JP 99140729 A 19990520

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000330918	A	17		G06F-013/10	

**Information processor for digital camera, detects set up of digital camera and changes set up using setting...**

Abstract (Basic):

... A **computer** (300) which is connected to a digital camera (200) detects the set up of the...  
... For digital camera, **personal digital assistant** ( PDA ).  
...

...The figure shows the components of the **data communication** system...

... **Computer** (300)  
...Title Terms: **PROCESSOR** ;  
...International Patent Class (Additional): **H04N-005/225**

26/3,K/2 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

013285705 \*\*Image available\*\*  
WPI Acc No: 2000-457640/200040  
XRXPX Acc No: N00-341664

**Image input device for palm - top computer , has pen scanner with interface unit to read image through window using CCD whose output is converted to binary data and stored in memory**

Patent Assignee: CANON KK (CANO )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000165618	A	20000616	JP 98331086	A	19981120	200040 B

Priority Applications (No Type Date): JP 98331086 A 19981120

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000165618	A	5		H04N-001/107	

**Image input device for palm - top computer , has pen scanner with**

interface unit to read image through window using CCD whose output...

Abstract (Basic):

... converted to binary data in digitization circuit (13) and stored in memory (14). The binary data is transferred to host computer (20) for display through interface (15).  
... In palm - top computers .

...Title Terms: COMPUTER ;

International Patent Class (Main): H04N-001/107

26/3,K/3 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

013266220 \*\*Image available\*\*  
WPI Acc No: 2000-438125/200038

XRPX Acc No: N00-328027

Transmission data copyright protection system in digital video apparatus for satellite broadcasting, has video apparatus ID which is inserted as closed caption data in video data packet row for transmission

Patent Assignee: TOSHIBA KK (TOKE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000156848	A	20000606	JP 98329700	A	19981119	200038 B

Priority Applications (No Type Date): JP 98329700 A 19981119

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000156848	A	9		H04N-007/025	

Abstract (Basic):

... Set top box (13) includes identification data specifying video apparatus in video data formed as pocket data row. The packets with ID is inserted in data row as closed caption data related to video and data is transmitted .

... Set top box (13

International Patent Class (Main): H04N-007/025

International Patent Class (Additional): H04N-005/91 ...

... H04N-005/92 ...

... H04N-007/03 ...

... H04N-007/035

26/3,K/4 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

013201193 \*\*Image available\*\*  
WPI Acc No: 2000-373066/200032

XRPX Acc No: N00-280091

Telephone directory data registration method for portable telephone, facsimile, involves sending telephone number to be called and directory

data to center on internet

Patent Assignee: FUJITSU LTD (FUIT )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000124985	A	20000428	JP 98298853	A	19981020	200032 B

Priority Applications (No Type Date): JP 98298853 A 19981020  
Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2000124985 A 5 H04M-001/27

**Telephone directory data registration method for portable telephone, facsimile, involves sending telephone number to be called and directory data to center on internet**

Abstract (Basic):

... The telephone number of **communication terminal** and telephone directory **data** to be registered are **transmitted** to a center (10) on internet (3) from personal **computer** (1). The center makes a call to the received telephone number and **transmits** telephone directory **data** and registers the same into the **communication terminal** .

... For registering telephone directory data into portable telephone, facsimile, PHS, deferment telephone from personal **computer**, **PDA** .

...

...As the **data** is **transmitted** by a center on internet, a special equipment for data forwarding is not necessary...

...The figure shows the functional block diagram of **communication network** system which puts telephone directory **data** registration method into effect...

...Personal **computer** (1)  
...International Patent Class (Additional): H04N-001/00 ...

... H04N-001/32

26/3,K/5 (Item 5 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

013091803 \*\*Image available\*\*  
WPI Acc No: 2000-263675/200023  
XRPX Acc No: N00-197172

**Data multiplexing method e.g. for video and audio data in multimedia communication, involves buffering pocketed audio, video and addition data followed by multiplexing it according to schema of multiplex process**

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000069081	A	20000303	JP 98233353	A	1998081	200023 B

Priority Applications (No Type Date): JP 98233353 A 19980819  
Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2000069081 A 20 H04L-012/56

**Data multiplexing method e.g. for video and audio data in multimedia communication, involves buffering pocketed audio, video and addition data followed by multiplexing it according to schema of multiplex process**

...Abstract (Basic): packet detected by frame and packet boundary detectors (104a,104b,105a-105c) are received via **CPU** bus. The header data is written in the frame and packet boundary through bus to...

...output to external via output line. **DETAILED DESCRIPTION** - An INDEPENDENT CLAIM is also included for **data** multiplexer. USE For **data** multiplexing of **video**, audio and addition **data** in multimedia **communication** system. Also in digital television broadcasting using satellite. ADVANTAGE - Performs data multiplexing by low retardation...

...Title Terms: **POCKET** ;

International Patent Class (Additional): **H04N-007/08** ...

... **H04N-007/081**

**26/3,K/6 (Item 6 from file: 350)**  
DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

013014631 \*\*Image available\*\*  
WPI Acc No: 2000-186482/200017  
XRPX Acc No: N00-137992

**Image information providing system for PDA, computer, passes duplication partial image read out from memory and partial image received from server, to display controller**  
Patent Assignee: TOSHIBA KK (TOKE )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applcat No Kind Date Week  
JP 2000029448 A 20000128 JP 98197618 A 1998071 200017 B

Priority Applications (No Type Date): JP 98197618 A 19980713

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2000029448 A 19 G09G-005/00

**Image information providing system for PDA, computer, passes duplication partial image read out from memory and partial image received from server, to...**

...Abstract (Basic): NOVELTY - A **processor** reads out a duplicate partial image from memory and receives a partial image from the...

...out partial image and received partial image are passed to the display controller from the **processor**. **DETAILED DESCRIPTION** - The memory in **terminal** equipment (3) stores several partial images obtained by dividing a single image. A display controller...

...as a single image. INDEPENDENT CLAIMS are also included for the following: image information display **terminal** ; server apparatus...

...USE - For providing image information such as map, graphic, circuit diagram to **PDA**, **computer**. Also for services such as ticket purchasing and reservation in theater...

...ADVANTAGE - Performs scroll operation smoothly by reducing **data transfer** time and delay time of image display. DESCRIPTION OF DRAWING(S) - The figure shows block diagram of map information providing system. (1) Communication network; (2) Server; (3) **Terminal** equipment; (31) Display unit; (37) Display controller...

...Title Terms: **COMPUTER** ;

...International Patent Class (Additional): **H04N-001/00** ...

... **H04N-001/21** ...

... **H04N-001/387**

**26/3,K/7 (Item 7 from file: 350)**

DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

012981737 \*\*Image available\*\*

WPI Acc No: 2000-153590/200014

XRPX Acc No: N00-114573

**Radio communication terminal arrangement in multimedia communication apparatus e.g. video telephone - has PHS terminal which is inserted recess of terminal pocket that is integrally molded to housing of multimedia communication apparatus**

Patent Assignee: TOSHIBA KK (TOKE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000013521	A	20000114	JP 98179225	A	1998062	200014 B

Priority Applications (No Type Date): JP 98179225 A 19980625

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000013521	A	14		H04M-011/00	

**Radio communication terminal arrangement in multimedia communication apparatus e.g. video telephone...**

**...has PHS terminal which is inserted recess of terminal pocket that is integrally molded to housing of multimedia communication apparatus**

...Abstract (Basic): NOVELTY - A PHS terminal (2) is inserted into a recess (32a) formed on a **terminal pocket** (32) which is provided integrally to the housing (31) of a multimedia communication apparatus. The inserted PHS **terminal** is held by the elastic force exerted by an elastic unit (33) provided inside the...

...USE - For multimedia **communication** system, like **video telephone**...

...ADVANTAGE - Though the PHS **terminal** is connected to the multimedia communication apparatus because of its arrangement it can be easily...

...S) - The figure shows the exterior of the multimedia communication

apparatus with the radio communication **terminal** arrangement. (2) PHS **terminal** ; (31) Housing; (32) **Terminal pocket** ; (32a) Recess; (33) Elastic unit...  
...Title Terms: **TERMINAL** ;  
...International Patent Class (Additional): **H04N-007/14**

**26/3,K/8 (Item 8 from file: 350)**  
DIALOG(R) File 350:Derwent WPIX  
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012210453 \*\*Image available\*\*  
WPI Acc No: 1999-016559/199902  
Related WPI Acc No: 2003-821896; 2003-821898  
XRPX Acc No: N99-013322

**Image data transfer apparatus for personal digital assistant - compresses image data for every frame and outputs compressed data of every frame sequentially to portable telephone**  
Patent Assignee: MEGACHIPS KK (MEGA-N)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
JP 10285565 A 19981023 JP 9793661 A 19970411 199902 B

Priority Applications (No Type Date): JP 9793661 A 19970411

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
JP 10285565 A 9 H04N-007/10

**Image data transfer apparatus for personal digital assistant -**  
...Abstract (Basic): The apparatus includes a compression **processor** (9) that compresses the image data picked up by a camera (7c), for every frame...  
...Title Terms: **PDA**

International Patent Class (Main): **H04N-007/10**  
International Patent Class (Additional): **H04N-007/24**

**26/3,K/9 (Item 9 from file: 350)**  
DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

011641144 \*\*Image available\*\*  
WPI Acc No: 1998-058052/199806  
XRPX Acc No: N98-046103

**Telecommunication control apparatus for e.g. notebook computer, personal digital assistant, printer - has setting unit which establishes data transmission period based on state of memory which stores data received from higher order apparatus**  
Patent Assignee: CANON KK (CANO )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No Kind Date Applicat No Kind Date Week  
JP 9300740 A 19971125 JP 96123339 A 19960517 199806 B

Priority Applications (No Type Date): JP 96123339 A 19960517

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes

**Telecommunication control apparatus for e.g. notebook computer , personal digital assistant , printer...**

...Abstract (Basic): establishes a data transmission period based on the state of the memory. A transmitting unit **transmits** the **data** to the higher order apparatus in a set period...

...ADVANTAGE - Prevents unwanted effects arising from e.g. failure of printer to receive data from **computer** due to paper jam since data request is not sent to apparatus when data is...

...from printer. Minimises reduction in transmitting efficiency while transmitting printing data to printer from personal **computer** by lengthening time of printer telecommunication control apparatus...

...Title Terms: **COMPUTER** ;

...International Patent Class (Additional): **H04N-001/32**

**26/3,K/10 (Item 10 from file: 350)**

DIALOG(R) File 350:Derwent WPIX  
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011549578 \*\*Image available\*\*  
WPI Acc No: 1997-526059/199748  
XRPX Acc No: N97-438467

**Viewing incoming facsimile transmission on view-screen - transferring data to computer , processing into transmission data file with set of objects and rendering data , sending to facsimile terminal , building and displaying image of transmission on view-screen of receiving device**

Patent Assignee: INTEL CORP (ITLC )

Inventor: TSO M M

Number of Countries: 076 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9732433	A1	19970904	WO 97US1706	A	19970211	199748 B
AU 9721163	A	19970916	AU 9721163	A	19970211	199803
US 6072598	A	20000606	US 96606734	A	19960227	200033
			US 97936158	A	19970924	
TW 399387	A	20000721	TW 97102317	A	19970226	200111

Priority Applications (No Type Date): US 96606734 A 19960227; US 97936158 A 19970924

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9732433	A1	E	32	H04N-001/32	

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG

AU 9721163	A	H04N-001/32	Based on patent WO 9732433
US 6072598	A	H04N-001/00	Cont of application US 96606734

TW 399387	A	H04N-001/00
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... **transferring data to computer , processing into transmission data**

file with set of objects and rendering data , sending to facsimile terminal , building and displaying image of transmission on view-screen of receiving device

...Abstract (Basic): The method transfers the facsimile transmission to **computer** for processing and processes it into a transmission data file with a set of objects...

...of the receiver using a set of objects and rendering information contained in the transmission **data file** . During **transfer** of the incoming facsimile transmission is intercepted by a router (20) and forwarded to the **computer** (30) via its communications port (480...

...of facsimile and other image transmissions for display on small screens such as display of **personal digital assistant** or handheld **computer** or similar with limited display and storage capacity...

...Title Terms: **COMPUTER** ;

International Patent Class (Main): **H04N-001/00** ...

... **H04N-001/32**

**26/3,K/11 (Item 11 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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011379395 \*\*Image available\*\*

WPI Acc No: 1997-357302/199733

XRPX Acc No: N97-296636

Data communication method for e.g. facsimile used in hotel - involves storing received data in memory of base station and transmitting it using pocket transmitting unit to pocket receiving unit of extension communication terminal

Patent Assignee: RICOH KK (RICO )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9149127	A	19970606	JP 95327940	A	19951124	199733 B

Priority Applications (No Type Date): JP 95327940 A 19951124

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9149127	A	12		

Data communication method for e.g. facsimile used in hotel...

1...involves storing received data in memory of base station and transmitting it using pocket transmitting unit to pocket receiving unit of extension communication terminal

...Abstract (Basic): The method involves receiving data by a large base station with memory. A **pocket** transmitting unit transmits information to **pocket** receiving unit based on indication from the large base station that a connection is made between through a public circuit network. The base station includes the **pocket** reception unit and is connected to a private exchange having extension communication **terminals** with **pocket** transmitting unit. A subscriber number is

assigned to an extension communication **terminal** based on demand from another...

...When an incidental information is to be **transmitted**, the **data transmitted** from an extension **communication terminal** to a communication circuit corresponding to a subscriber's number is stored in memory of base station. Then, the **pocket** transmitting unit **transmits** the **data** to a **pocket** receiving unit of an extension communication **terminal**.

...Title Terms: **POCKET** ;

...International Patent Class (Additional): **H04N-001/00**

**26/3,K/12 (Item 12 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

011361744 \*\*Image available\*\*

WPI Acc No: 1997-339651/199731

XRPX Acc No: N97-281881

**Video telephone device for PC communication - forms ASCII code corresponding to received command packet by modem and CPU of partner station**

Patent Assignee: MCM JAPAN KK (MCMN-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9139797	A	19970527	JP 95298158	A	19951116	199731 B

Priority Applications (No Type Date): JP 95298158 A 19951116

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9139797	A	10			

**Video telephone device for PC communication - ...**

**...forms ASCII code corresponding to received command packet by modem and CPU of partner station**

**...Abstract (Basic): The telephone device consists of a main CPU (204) which receives ASCII code corresponding to combinations of various dial buttons of telephone and forms a corresponding command **pocket**.**

...

**...sent to other telephone circuits through modem (402). This information through a modem and the CPU of the partner station then form the ASCII code of the received command packet...**

**...USE/ADVANTAGE - In banks for account maintenance. Sends data with simple formulations**

...Title Terms: **CPU** ;

International Patent Class (Main): **H04N-001/00**

**26/3,K/13 (Item 13 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

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011194434    \*\*Image available\*\*

WPI Acc No: 1997-172359/199716

XRPX Acc No: N97-142287

**Pocket data terminal device with facsimile function - has mode establishment unit to establish either of first or second display mode and display data on display units by switching on their display state respectively**

Patent Assignee: SANYO ELECTRIC CO LTD (SAOL )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9037015	A	19970207	JP 95181662	A	19950718	199716 B

Priority Applications (No Type Date): JP 95181662 A 19950718

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 9037015 A 9 H04N-001/00

**Pocket data terminal device with facsimile function...**

...Abstract (Basic): The **pocket data terminal** device consists of a first appts (1) having a first display unit (15) which displays a predetermined **transmitted** and received **data** table. A second appts (2) has a second display unit (26) which displays a predetermined **transmitted** and received **data** table...

Title Terms: **POCKET** ;

International Patent Class (Main): **H04N-001/00**

...International Patent Class (Additional): **H04N-001/32** ...

... **H04N-001/387**

**26/3,K/14 (Item 14 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

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010262912    \*\*Image available\*\*

WPI Acc No: 1995-164167/199522

XRPX Acc No: N95-128783

**Data transmission system for information from LCD of e.g. pocket computer - using conversion of screen data into facsimile pels and transmission through conventional facsimile machine**

Patent Assignee: MOTOROLA INC (MOTI )

Inventor: NGAI T W

Number of Countries: 005 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2283634	A	19950510	GB 9421863	A	19941031	199522 B
JP 7193670	A	19950728	JP 94287208	A	19941028	199539
US 5453847	A	19950926	US 93143771	A	19931101	199544
			US 94298086	A	19940831	
TW 272347	A	19960311	TW 94109848	A	19941024	199625
CN 1112258	A	19951122	CN 94113736	A	19941031	199737
GB 2283634	B	19980211	GB 9421863	A	19941031	199809

Priority Applications (No Type Date): US 93143771 A 19931101; US 94298086 A 19940831

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2283634	A		17	H04N-001/00	
JP 7193670	A		6	H04N-001/00	
US 5453847	A		6	H04N-005/76	Cont of application US 93143771
TW 272347	A			H04M-011/06	
CN 1112258	A			G06F-003/033	
GB 2283634	B			H04N-001/00	

**Data transmission system for information from LCD of e.g. pocket computer -**

...Abstract (Basic): scaling factor which scales both width and height. The pels are converted into a compressed **data** format and **transmitted** into a buffer...

...buffer and will stop the flow of suppressed data when the buffer is full. The **data** is **transmitted** from the buffer to the facsimile machine at a constant rate dependent on the maximum...

...USE/ADVANTAGE - Limited memory in **pocket computer** freed by temporary data storage. Transmission of converted data at rate of facsimile transmission prevents...

...Abstract (Equivalent): scaling factor which scales both width and height. The pels are converted into a compressed **data** format and **transmitted** into a buffer...

...buffer and will stop the flow of suppressed data when the buffer is full. The **data** is **transmitted** from the buffer to the facsimile machine at a constant rate dependent on the maximum...

...USE/ADVANTAGE - Limited memory in **pocket computer** freed by temporary data storage. Transmission of converted data at rate of facsimile transmission prevents...

...Abstract (Equivalent): In a **computer** system having an MCU and an LCD display where dots of information displayed on the...

...wait/proceed parameter to assure there is memory space within the buffer before the converter **sends** the compressed **data** to the buffer...

...while the buffer has compressed data stored in it, the speed at which the compressed **data** are **transmitted** from the buffer to the facsimile machine not exceeding the facsimile machine's maximum transmission...

...Title Terms: **POCKET** ;

...International Patent Class (Main): **H04N-001/00** ...

... **H04N-005/76**

...International Patent Class (Additional): **H04N-001/40**

**26/3,K/15 (Item 15 from file: 350)**

DIALOG(R) File 350:Derwent WPIX  
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008014582 \*\*Image available\*\*  
WPI Acc No: 1989-279694/198939

XRPX Acc No: N89-213670

**Multi- node network system for data communication - has packet-forming processor in each nodes , forming data packets of**

**identification and pixel data**  
Patent Assignee: TOSHIBA KK (TOKE )

Inventor: OSADA M

Number of Countries: 007 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 334318	A	19890927	EP 89105130	A	19890322	198939	B
JP 2001664	A	19900105	JP 8968287	A	19890320	199007	

Priority Applications (No Type Date): JP 8867801 A 19880322

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 334318 A E 13

Designated States (Regional): BE DE FR GB IT NL

**Multi- node network system for data communication - ...  
...has packet-forming processor in each nodes , forming data packets of  
identification and pixel data**

**...Abstract (Basic): In transmitting node (1) the packet processor  
(5-1) forms a command packet of control data including data  
indicating the byte length of additional transfer data . This  
included with the image pixel data to provide a data packet. Packets  
are sent sequentially onto the network (3) through an...**

**...The receiving node (2) waits until an interrupt is input to the  
interface (7-2) to initiate packet reception. A discriminator (6-2) in  
the receiving node CPU (8-2) distinguishes between a command packet  
and a pixel packet, the packet fetched first...**

**...ADVANTAGE - Capacity required for buffering in receiver node and  
message analysis overhead is reduced...**

**...Title Terms: NODE ;**

**...International Patent Class (Additional): H04N-001/00**

**26/3,K/16 (Item 16 from file: 350)**  
DIALOG(R) File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

004180874

WPI Acc No: 1985-007754/198502

XRPX Acc No: N85-005404

**Simple remote-control system - has receiver connected to circuit that  
only actuates hand - held unit if signal describing recorder is  
received**

Patent Assignee: TELEFUNKEN FERNSEH & RUNDFUNK (TELE )

Inventor: OBERJATZAS G; PLATTE H; VOESSING W; PLATTE H J

Number of Countries: 015 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 129794	A	19850102	EP 84106852	A	19840615	198502	B
DE 3322729	A	19850110	DE 3322729	A	19830624	198503	
JP 60016094	A	19850126	JP 84126575	A	19840621	198510	
FI 8402468	A	19841225				198521	
DK 8402732	A	19841225				198528	
ES 8503195	A	19850501				198528	
EP 129794	B	19880203				198805	

DE 3469253 G 19880310 198811  
DE 3322729 C 19921001 DE 3322729 A 19830624 199240

Priority Applications (No Type Date): DE 3322729 A 19830624

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 129794 A G 11

Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

EP 129794 B G

Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

DE 3322729 C 5 H04Q-009/00

... has receiver connected to circuit that only actuates hand - held unit if signal describing recorder is received

...Abstract (Basic): The remote control has **handheld transceiver unit** (2) and a fixed transceiver unit in the **recorder** or tv receiver etc. (1). The **transmitter** (6) of the fixed transceiver has its control input receiving a signal describing the recorder (1). The receiver of the **handheld unit** is connected to circuit that only activates the **handheld unit** if the signal describing the recorder is received. This signal indicates the recorder's readiness...

...A display (VTR) lights up if the recorder is ready and the **handheld unit** active. The signal describing the recorder and indicating its readiness for use is only transmitted if no other **handheld unit** is controlling the recorder and also under other conditions...

...Abstract (Equivalent): the receiver (8) i.e. an infra-red (IR) diode and then passed to a **microprocessor** (10) via a demodulator (9), with a RAM-store (11) and RAM-store (12) connected to the **microprocessor** (10) ...

...Abstract (Equivalent): The remote control has **handheld transceiver unit** (2) and a fixed transceiver unit in the **recorder** or tv receiver etc. (1). The **transmitter** (6) of the fixed transceiver has its control input receiving a signal describing the recorder (1). The receiver of the **handheld unit** is connected to circuit that only activates the **handheld unit** if the signal describing the recorder is received. This signal indicates the recorder's readiness...

...A display (VTR) lights up if the recorder is ready and the **handheld unit** active. The signal describing the recorder and indicating its readiness for use is only transmitted if no other **handheld unit** is controlling the recorder and also under other conditions...

...International Patent Class (Additional): **H04N-000/00**

**26/3, K/17 (Item 17 from file: 347)**

DIALOG(R) File 347:JAPIO

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06161813 \*\*Image available\*\*

MESSAGE COMMUNICATION SYSTEM

PUB. NO.: 11-103357 [JP 11103357 A]

PUBLISHED: April 13, 1999 (19990413)

INVENTOR(s): TAKADA HIROYUKI

APPLICANT(s): BROTHER IND LTD

APPL. NO.: 09-261381 [JP 97261381]

FILED: September 26, 1997 (19970926)

INTL CLASS: H04M-011/00; H04M-003/42; H04N-007/14 ; G10K-015/04

ABSTRACT

...which both a message transmitter side and a message receiver side do not possesses a **terminal**, a restriction in terms of location and a timewise restriction in message transmission reception are relaxed, the load and the cost of communication processing between **terminals** are balanced.

SOLUTION: Upon the receipt of a message, a **transmitter** side **terminal** 1 stores message **data** to an HDD in the **terminal** 1 and only a data ID is sent to a server 60. Simultaneously a message ID is sent to a **pocket** beeper 100. Upon the receipt of the message ID by a receiver **terminal** 50, a **terminal** ID corresponding to the message ID is sent from the server 60 and message **data** are received from the **transmitter** side **terminal** 1 based on the ID.

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26/3,K/18 (Item 18 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

06127527 \*\*Image available\*\*  
FACSIMILE INFORMATION COMMUNICATION EQUIPMENT AND STORAGE MEDIUM

PUB. NO.: 11-069064 [JP 11069064 A]  
PUBLISHED: March 09, 1999 (19990309)  
INVENTOR(s): KANEMURA TOSHIAKI  
SANO FUMINORI  
APPLICANT(s): CASIO COMPUT CO LTD  
APPL. NO.: 09-228574 [JP 97228574]  
FILED: August 25, 1997 (19970825)

INTL CLASS: H04N-001/00 ; G06F-013/00; G06F-017/21; H04M-011/00;  
H04N-001/21 ; H04N-001/32 ; H04N-001/387

ABSTRACT

PROBLEM TO BE SOLVED: To easily **send** /receive **data** between a facsimile equipment and a portable small-sized electronic device such as a PC and a **PDA** at any time.

SOLUTION: In the case of **sending** **data** from an electronic device being a **terminal** 7 to a facsimile equipment 8, the **terminal** 7 reads a FAX transmission letter form of a storage device 1 of the facsimile information communication equipment. Then the **terminal** 7 receives the entry of transmission contents or the like corresponding to the FAX transmission...

...equipment. The facsimile information communication equipment generates a FAX transmission letter based on the transmission **data** and **sends** the letter to a facsimile equipment as a facsimile signal. On the other hand, in the case of **sending** **data** from the facsimile equipment 8 to the **terminal** 7, the facsimile equipment 8 sends the FAX signal to the facsimile information communication equipment...

...stores the FAX signal to a storage device 1 as image data read by the

**terminal** . Then the **terminal** 7 accesses the facsimile information **communication** equipment to read the image **data** stored in the storage device 1.

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**26/3,K/19 (Item 19 from file: 347)**

DIALOG(R) File 347:JAPIO

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05917782 \*\*Image available\*\*

LOW BIT RATE IMAGE COMMUNICATION EQUIPMENT AND COMMUNICATION METHOD

PUB. NO.: 10-200882 [JP 10200882 A]

PUBLISHED: July 31, 1998 (19980731)

INVENTOR(s): KURA TSUNEKO

KAMEDA AKIO

OSHIMA TAKASHI

KANAYAMA HIDEAKI

APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 09-002522 [JP 972522]

FILED: January 10, 1997 (19970110)

INTL CLASS: H04N-007/173 ; G06F-003/14; G06F-013/00; H04Q-007/06;  
H04Q-007/38

...JAPIO KEYWORD: **Pocket** Bell Paging Devices)

#### ABSTRACT

...SOLUTION: Corresponding to portable **terminal** service including an electronic notebook and a pager and service using the internet, a **transmitter** side **terminal** 1 is provided with a **data** input part 11 for inputting various data. An image data preparation and registration part 12 for preparing and registering image data to be displayed at an opposite **terminal** , an image data base 13 for storing the prepared image data and a data transmission part 14 for transmitting the data to a receiver side **terminal** are provided. The receiver side **terminal** 2 is provided with a **data** reception part 21 for storing the **transmitted data** , an image driving part 22 for moving the image data and a data display part...

**26/3,K/20 (Item 20 from file: 347)**

DIALOG(R) File 347:JAPIO

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05890962 \*\*Image available\*\*

PROGRAM INFORMATION PROVIDING DEVICE, METHOD THEREFOR AND PROGRAM VIDEO-RECORDING RESERVATION SYSTEM

PUB. NO.: 10-174062 [JP 10174062 A]

PUBLISHED: June 26, 1998 (19980626)

INVENTOR(s): GOTO SHOICHI

HENMI HIDEKI

ISHIZU ATSUSHI

APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 08-335339 [JP 96335339]

FILED: December 16, 1996 (19961216)

INTL CLASS: H04N-007/025 ; H04N-007/03 ; H04N-007/035 ; H04M-011/08;  
H04N-005/445 ; H04N-005/765  
...JAPIO KEYWORD: **Pocket** Bell Paging Devices)

ABSTRACT

PROBLEM TO BE SOLVED: To perform the reservation of a program for a minimum **data transfer** time by providing a 1st hierarchy having absolute minimum information necessary for the reservation of...

...the program information of a program information providing server on the internet or a personal **computer** communication...

...recording from the program information providing server 1 via a modem 3. Then, reservation-of- **video** -recording information is **transferred** to a VTR control part 11 based on that program information to perform the reservation...

26/3,K/21 (Item 21 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

05888629 \*\*Image available\*\*  
DATA PROCESSING SYSTEM DATA TRANSMISSION PROCESSING METHOD FOR THE SYSTEM AND STORAGE MEDIUM FOR STORING PROGRAM READABLE BY **COMPUTER**

PUB. NO.: 10-171729 [JP 10171729 A]  
PUBLISHED: June 26, 1998 (19980626)  
INVENTOR(s): YAMAMOTO MASAHIKO  
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 08-332589 [JP 96332589]  
FILED: December 13, 1996 (19961213)

... DATA TRANSMISSION PROCESSING METHOD FOR THE SYSTEM AND STORAGE MEDIUM FOR STORING PROGRAM READABLE BY **COMPUTER**

INTL CLASS: G06F-013/00; H04L-012/54; H04L-012/58; H04N-001/00 ;  
H04N-001/32 ; H04N-001/44  
...JAPIO KEYWORD: **Pocket** Bell Paging Devices); R131 (INFORMATION PROCESSING

ABSTRACT

... the lapse of time, and selects an optimal transmission destination address to which the message **data** should be **transmitted**. Then, the MDA server 2 prepares transmission instruction data optimal to any transmitting means decided...

26/3,K/22 (Item 22 from file: 347)  
DIALOG(R) File 347:JAPIO  
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05867391 \*\*Image available\*\*  
FACSIMILE EQUIPMENT

PUB. NO.: 10-150491 [JP 10150491 A]

PUBLISHED: June 02, 1998 (19980602)  
INVENTOR(s): SATO KAZUHIRO  
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 08-307582 [JP 96307582]  
FILED: November 19, 1996 (19961119)

INTL CLASS: H04M-001/65; H04M-011/00; H04N-001/00 ; H04N-001/21 ;  
H04N-001/32  
...JAPIO KEYWORD: **Pocket** Bell Paging Devices)

ABSTRACT

... counted number and number of the message set up in the system memory 20 and **transfers** the image **data** to an external **terminal** which is previously registered on the system memory 20 with a line. On the other...

26/3,K/23 (Item 23 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

05796748 \*\*Image available\*\*  
DEVICE AND METHOD FOR EDITING AND PRINTING, AND **COMPUTER** READABLE MEDIUM

PUB. NO.: 10-079848 [JP 10079848 A]  
PUBLISHED: March 24, 1998 (19980324)  
INVENTOR(s): HAMANO TAKASHI  
NAKAMOTO ATSUSHI  
APPLICANT(s): KONAMI CO LTD [485037] (A Japanese Company or Corporation),  
JP (Japan)  
APPL. NO.: 08-232277 [JP 96232277]  
FILED: September 02, 1996 (19960902)

DEVICE AND METHOD FOR EDITING AND PRINTING, AND **COMPUTER** READABLE MEDIUM

INTL CLASS: H04N-001/387 ; B41J-002/525; B41J-002/325; B41J-005/30;  
G06F-003/12; G06T...  
...JAPIO KEYWORD: **Pocket** Bell Paging Devices); R139 (INFORMATION  
PROCESSING...  
...Word **Processors** )

ABSTRACT

...SOLUTION: A **CPU** 15 writes image data picked up by a color CCD camera 8 in a VRAM 17 and also converts the **data** into YMC **data** and **sends** them to a color printer 19, which prints in order the received YMC data on recording paper. The **CPU** 15 inputs the character data from an input device 13 and writes image information, corresponding...

... and extracts data of black from the VRAM 17 at the completion of the character **data** input and **sends** them as print **data** of K to the color printer 19. The color printer 19 overprints the received print...

26/3,K/24 (Item 24 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

05730361 \*\*Image available\*\*  
MESSAGE DELIVERY SUPPORTING SYSTEM AND METHOD

PUB. NO.: 10-013461 [JP 10013461 A]  
PUBLISHED: January 16, 1998 (19980116)  
INVENTOR(s): YAMAMOTO MASAHIKO  
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 08-182684 [JP 96182684]  
FILED: June 25, 1996 (19960625)

INTL CLASS: H04L-012/54; H04L-012/58; **H04N-001/32**  
...JAPIO CLASS: **Computer** Applications)  
...JAPIO KEYWORD: **Pocket** Bell Paging Devices)

ABSTRACT

... the behavior schedule of the receiver, generating envelope data containing information of the address, adding **data** to the message so as to **transfer** it to the transmission medium, and repetitively selecting again a second optimum address, based on...

26/3,K/25 (Item 25 from file: 347)  
DIALOG(R) File 347:JAPIO  
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05632918 \*\*Image available\*\*  
**DATA COMMUNICATION** METHOD

PUB. NO.: 09-247718 [JP 9247718 A]  
PUBLISHED: September 19, 1997 (19970919)  
INVENTOR(s): TAMURA HIROSHI  
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 08-079312 [JP 9679312]  
FILED: March 08, 1996 (19960308)

**DATA COMMUNICATION** METHOD

INTL CLASS: H04Q-003/58; H04M-003/28; H04M-003/42; H04M-003/42;  
H04M-011/00; **H04N-001/00** ; **H04N-001/32**  
...JAPIO KEYWORD: **Pocket** Bell Paging Devices)

ABSTRACT

PROBLEM TO BE SOLVED: To provide a **data communication** method by which occurrence of the fault of an extension communication **terminal** is quickly in contact with a manager or the like and a line utility charge...  
...SOLUTION: Each adaptor calls periodically extension communication **terminals** connecting to its own adaptor. When an extension communication **terminal** replies the call, the extension communication **terminal** is discriminated to be normal and when the extension communication **terminal** does not reply the call, the extension communication **terminal** has a fault and it is informed to a manager communication **terminal** connecting to a private branch of exchange and the manager communication **terminal** outputs a message including the notice content.

26/3,K/26 (Item 26 from file: 347)

DIALOG(R)File 347:JAPIO  
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05361661 \*\*Image available\*\*  
COMMUNICATION EQUIPMENT

PUB. NO.: 08-317161 [JP 8317161 A]  
PUBLISHED: November 29, 1996 (19961129)  
INVENTOR(s): HATAMURA JUNJI  
APPLICANT(s): BROTHER IND LTD [000526] (A Japanese Company or Corporation),  
JP (Japan)  
APPL. NO.: 07-121179 [JP 95121179]  
FILED: May 19, 1995 (19950519)

INTL CLASS: H04N-001/32 ; H04M-011/00; H04N-001/00  
...JAPIO KEYWORD: **Pocket** Bell Paging Devices)

ABSTRACT

...number is in existence in a temporary storage area 8a of a RAM 8, a **CPU** 3 calculates a difference between this communication start time and a communication start time corresponding...

... When the time between every communication sets is within 15min, it is discriminated that image **data** once **transferred** are **transferred** via other facsimile equipment again, conventional facsimile reception is conducted and then the line is...

26/3,K/27 (Item 27 from file: 347)

DIALOG(R)File 347:JAPIO  
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05309745 \*\*Image available\*\*  
DATA DELIVERY SYSTEM

PUB. NO.: 08-265245 [JP 8265245 A]  
PUBLISHED: October 11, 1996 (19961011)  
INVENTOR(s): SHIMIZU HIROSHI  
YOKOZAWA TATSU  
KUWABARA TEIJI  
MESE MICHIIRO  
YAMAGUCHI MUNEAKI  
OZAKI TOMOYA  
KUNIMORI YOSHIHIKO  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 07-064288 [JP 9564288]  
FILED: March 23, 1995 (19950323)

INTL CLASS: H04B-007/26; H04M-003/42; H04M-003/54; H04M-011/00;  
H04N-001/00 ; H04N-001/00 ; H04N-001/32 ; H04N-001/387 ;  
H04N-001/419

...JAPIO KEYWORD: **Pocket** Bell Paging Devices)  
ABSTRACT

... immediately confirm the contents of the data on the spot upon reception of information that **data** are **transmitted** to the receiver by interposing a communication server(CS) for storing and preserving received transmission  
...

... transmits FAX to the CS 1040 first, an ID number for specifying the portable information terminal equipment ( **PDA** ) 1100 of the receiver is transmitted along with the telephone number of the CS 1040...

... message for indicating the arrival of the FAX to a paper 1070 connected to the **PDA** 1100 of the receiver. At the time, the outline contents of the received FAX are...

**26/3,K/28 (Item 28 from file: 347)**

DIALOG(R) File 347:JAPIO

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05249433 \*\*Image available\*\*

FACSIMILE EQUIPMENT

PUB. NO.: 08-204933 [JP 8204933 A]

PUBLISHED: August 09, 1996 (19960809)

INVENTOR(s): TAKAHASHI MASAKATSU

APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 07-008613 [JP 958613]

FILED: January 24, 1995 (19950124)

INTL CLASS: **H04N-001/32** ; H04M-001/57; H04M-001/65; **H04N-001/00**.

...JAPIO KEYWORD: **Pocket** Bell Paging Devices); R131 (INFORMATION PROCESSING

#### ABSTRACT

...equipment is provided with a RAM 13 for previously setting the telephone number of a **pocket** beeper for reporting the facsimile reception and a **CPU** 11 for preparing transmission source data by converting transmission source information to the combination of...

... telephone number in the RAM 13, and sending the DTMF signal corresponding to transmission source **data** after that call is terminated. When **sending data**, it is preferable to **send** those data so as not to interfere guidance by making them into the DTMF signal with a transmitting command showing the conversion as a header, and to **send** the message **data** of an equipment state together by making them into the DTMF signal.

**26/3,K/29 (Item 29 from file: 347)**

DIALOG(R) File 347:JAPIO

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04643102 \*\*Image available\*\*

COMMUNICATION **TERMINAL** EQUIPMENT

PUB. NO.: 06-315002 [JP 6315002 A]

PUBLISHED: November 08, 1994 (19941108)

INVENTOR(s): SUGAWARA YUTAKA

APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 05-103012 [JP 93103012]

FILED: April 28, 1993 (19930428)

COMMUNICATION **TERMINAL** EQUIPMENT

INTL CLASS: H04B-007/26; H04B-007/26; **H04N-001/32**

...JAPIO KEYWORD: **Pocket** Bell Paging Devices); R131 (INFORMATION PROCESSING

ABSTRACT

... image data by setting, registering the identification code of a mobile radio equipment to the **terminal** equipment and also using it as a communication ID code...

...CONSTITUTION: The identification code of the mobile radio equipment ( **pocket** beeper) at a **communication** destination showing the reception of image **data** is registered on a RAM 23 of a facsimile equipment. On the other hand, an...

... 32 is provided with a registering function key and the setting function key of the **communication** ID code. When the identification code, **communication** data and **communication** ID code of the mobile radio equipment are received by a prescribed system, the **communication** ID code and **communication** data are stored 23 and 24, and the reception of the **communication** data and the transmission of the **communication** ID code is performed to the mobile radio equipment provided with the registered identification code...

...between persons in charge on the transmission side and reception side or the contact of **data** transmitters can be eliminated before the **communication** .

26/3,K/30 (Item 30 from file: 347)

DIALOG(R) File 347:JAPIO

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04355993 \*\*Image available\*\*  
FACSIMILE EQUIPMENT

PUB. NO.: 05-347693 [JP 5347693 A]

PUBLISHED: December 27, 1993 (19931227)

INVENTOR(s): NAKADA HIROTSUNE

APPLICANT(s): SHARP CORP [000504] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 04-155314 [JP 92155314]

FILED: June 15, 1992 (19920615)

JOURNAL: Section: E, Section No. 1533, Vol. 18, No. 195, Pg. 47, April 05, 1994 (19940405)

INTL CLASS: **H04N-001/32** ; H04M-001/64; H04M-011/00; **H04N-001/00**

ABSTRACT

PURPOSE: To obtain a facsimile **terminal** in which an automatic reply means such as an automatic answering telephone set and a...

... A certain silence period of time is continued based on on-hook of a caller **terminal** equipment after the reply by a telephone message recorder 2 in the facsimile **terminal** 1 comprising a main body 2 and the telephone message recorder 3 and the main...

... and the connection of a public telephone line 4 is open. Thus, the processing of **transfer** by the telephone message **recorder** 3 after automatic reply such as processing of a call of a **pocket** bell is surely

executed.

26/3,K/31 (Item 31 from file: 347)  
DIALOG(R) File 347:JAPIO  
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03860559 \*\*Image available\*\*  
COMMUNICATION EQUIPMENT

PUB. NO.: 04-225659 [JP 4225659 A]  
PUBLISHED: August 14, 1992 (19920814)  
INVENTOR(s): ARAKI HIDEKAZU  
NAITO MASAYUKI  
FURUMIYA KAZUNORI  
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 02-407791 [JP 90407791]  
FILED: December 27, 1990 (19901227)  
JOURNAL: Section: E, Section No. 1299, Vol. 16, No. 579, Pg. 24,  
December 18, 1992 (19921218)

INTL CLASS: H04M-003/42; H04N-001/00 ; H04N-001/32  
...JAPIO KEYWORD: **Pocket** Bell Paging Devices); R131 (INFORMATION  
PROCESSING

ABSTRACT

... recognize that the receiver receives information in a communication equipment executing communication with a communication **terminal** equipment recording or storing reception information...

... destination which notice data shows, a telephone unit 23b-1 on the side of the **transmitter** , for example, based on notice **data** concerned at prescribed timing. A reception recognition input part 51a and a reception recognition notice...

26/3,K/32 (Item 32 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

02792140 \*\*Image available\*\*  
FACSIMILE STORE AND FORWARD EXCHANGE SYSTEM

PUB. NO.: 01-089740 [JP 1089740 A]  
PUBLISHED: April 04, 1989 (19890404)  
INVENTOR(s): INOUE TOMIE  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 62-244020 [JP 87244020]  
FILED: September 30, 1987 (19870930)  
JOURNAL: Section: E, Section No. 791, Vol. 13, No. 323, Pg. 35, July  
21, 1989 (19890721)

INTL CLASS: H04L-011/20; H04N-001/00 ; H04N-001/21  
...JAPIO KEYWORD: **Pocket** Bell Paging Devices)

ABSTRACT

... of the work of a transmitting/receiving person by executing the

automatical calling to a **terminal** designated beforehand from a store and forward exchange and executing the incoming call information of...  
... forward exchange 6, a central processing unit 61 receives picture data from a transmission side **terminal** 1a through a **communication** control unit 60, distributes the picture **data** stored into an auxiliary storage device 62 once to a receiving side **terminal** 1b, and when the said distribution is completed, calls to a telephone set 2a of...

... 61 drives a voice synthesizing device 63 based on the information of a transmission side **terminal** 1a and an address set beforehand and sends the voice signal from the communication control...

**26/3,K/33 (Item 33 from file: 347)**  
DIALOG(R) File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

02006471 \*\*Image available\*\*  
WAVEFORM PATTERN SELECTING DEVICE

PUB. NO.: 61-220571 [JP 61220571 A]  
PUBLISHED: September 30, 1986 (19860930)  
INVENTOR(s): AIKAWA MASAMI  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 60-061319 [JP 8561319]  
FILED: March 26, 1985 (19850326)  
JOURNAL: Section: E, Section No. 483, Vol. 11, No. 61, Pg. 56,  
February 25, 1987 (19870225)

INTL CLASS: **H04N-005/265 ; H04H-007/00**

#### ABSTRACT

... transmitted as a key code to a waveform pattern memory main body. Its processing part ( **CPU** ) 3 retrieves data on the pattern corresponding to the key code from a ROM table 4 with the key code as a base, and **sends** it to a **data** display module 5, which displays the selected waveform pattern on a display panel 6. Thus...

... made unnecessary, whereby troubles necessary for insertion and pulling-out of the cartridge to a **pocket** can be omitted.  
?

7/3,K/1 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

015634276 \*\*Image available\*\*

WPI Acc No: 2003-696458/200366

Related WPI Acc No: 2000-072516; 2000-399418; 2002-279894; 2002-414842

XRPX Acc No: N03-556172

**Multimedia session setting up method, involves using media binding information to associate each media data stream in session to one of media packet access bearers to provide session-based control of packet access bearers**

Patent Assignee: INEEDMD.COM INC (INEE-N); GOPINATHAN G (GOPI-I); MAKOVER M (MAKO-I); TILFORD A R (TILF-I)

Inventor: GOPINATHAN G; MAKOVER M; **TILFORD A R**

Number of Countries: 107 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030120135	A1	20030626	US 2000741283	A	20001219	200366 B
			US 2001884371	A	20010619	
			US 2002310334	A	20021205	
WO 200453638	A2	20040624	WO 2003US38603	A	20031202	200441
AU 2003298897	A1	20040630	AU 2003298897	A	20031202	200472

Priority Applications (No Type Date): US 2002310334 A 20021205; US 2000741283 A 20001219; US 2001884371 A 20010619

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030120135	A1	19	A61B-005/00	CIP of application US 2000741283	
				CIP of application US 2001884371	
				CIP of patent US 6540673	

WO 200453638 A2 E G06F-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

AU 2003298897 A1 A61B-005/00 Based on patent WO 200453638

...Inventor: **TILFORD A R**

?

```

? show files; ds; save temp; logoff hold
File 2:INSPEC 1969-2005/Jan W3
    (c) 2005 Institution of Electrical Engineers
File 6:NTIS 1964-2005/Jan W3
    (c) 2005 NTIS, Intl Cpyrght All Rights Res
File 8:Ei Compendex(R) 1970-2005/Jan W3
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File 34:SciSearch(R) Cited Ref Sci 1990-2005/Jan W3
    (c) 2005 Inst for Sci Info
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    (c) 2004 ProQuest Info&Learning
File 65:Inside Conferences 1993-2005/Jan W4
    (c) 2005 BLDSC all rts. reserv.
File 94:JICST-EPlus 1985-2005/Dec W3
    (c) 2005 Japan Science and Tech Corp (JST)
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    (c) 2004 FIZ TECHNIK
File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Nov
    (c) 2004 The HW Wilson Co.
File 144:Pascal 1973-2005/Jan W2
    (c) 2005 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
    (c) 1998 Inst for Sci Info
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
    (c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
    (c) 2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2005/Jan 22
    (c) 2005 ProQuest Info&Learning

```

Set	Items	Description
S1	83941	POCKET?? OR PALM()TOP?? OR PALMTOP?? OR PALM(2N)PILOT?? - OR HANDSPRING?? OR HAND()SPRING?? OR ( HANDHELD?? OR HAND()HE- LD??) (3N) (DEVICE? OR UNIT?) OR POCKETPC OR POCKET()PC
S2	101390	S1 OR (HANDHELD()DIGITAL()ORGANIZER?? OR PDA OR (PORTABLE- ?? OR PERSONAL??) ()DIGITAL()ASSISTANT?? OR PORTABLE()COMPUT??- ?()DEVICE??)
S3	363862	(TRANSFER? OR UPDAT??? OR SHAR??? OR TRANSMIT??? OR COMMUN- ICAT??? OR SEND???) (7N) (MPG OR MPEG OR MOVING()PICTURE()EXPER- T()GROUP?? OR DATA OR FILE?? OR RECORD?? OR STOR???(3N)FILE?? OR MEDIA(3N)FILE?? OR VIDEO??)
S4	5170973	(STB OR SET()TOP()BOX OR SET()BOX OR TOP()BOX OR COMPUTER?? OR CPU OR NODE?? OR TERMINAL?? OR PROCESSOR?? OR MICROPROCES- SOR?? OR WEB()TV?? OR PC()TV??)
S5	1612035	(USER?? OR CUSTOMER?? OR CLIENT?? OR OWNER??)
S6	2011048	(MOTIVAT??? OR ADVANTAG? OR BENEFI?)
S7	1	AU =(TILFORD, A? OR TILFORD A?)
S8	0	S7 AND S1
S9	42	S2 AND S3 AND S4 AND S5 AND S6
S10	21	S9 NOT PY>2000
S11	19	RD (unique items)
S12	18	S11 NOT PD=20000608:20050124
S13	120	S1(S)S2(S)S3(S)S4(S)S5
S14	60	S13 NOT PY>2000
S15	57	S14 NOT PD=20000608:20050124
S16	49	RD (unique items)
S17	45	S16 NOT S12

12/3,K/1 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

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5323352 INSPEC Abstract Number: B9608-6210L-185, C9608-5620L-086

**Title: Virtual LAN realization on an ATM connectionless public network**

Author(s): Asoh, J.; Arakawa, N.; Mizuno, H.; Kishino, K.

Author Affiliation: Oki Electr. Ind. Co. Ltd., Tokyo, Japan

Conference Title: 2nd Asia-Pacific Conference on Communications Part  
vol.2 p.516-20 vol.2

Publisher: Waseda Univ, Tokyo, Japan

Country of Publication: Japan 2 vol. xxiii+963 pp.

Material Identity Number: XX96-00829

Conference Title: Proceedings of Asia-Pacific Conference on  
Communications. APCC'95

Conference Sponsor: IEICE of Japan; Korean Inst. Commun. Sci.; Chinese  
Inst. Electr. Eng.; IEEE Commun. Soc.; Chinese Inst. Commun.; Inst. Eng

Conference Date: 13-16 June 1995 Conference Location: Osaka, Japan

Language: English

Subfile: B C

Copyright 1996, IEE

...Abstract: and elsewhere. Behind this activity are the growing needs in  
the area of high-speed **data communication**. At the same time, studies of  
ATM application to public networks are making steady progress...

... public ATM networks become widespread, we are likely to see the  
appearance of ATM data **terminals** for direct connection to an ATM network.  
When that happens, we can expect demands for...

... limitations. If it becomes possible to configure a virtual LAN on the  
public network, an **advantage** for the **user** will be the assumption by the  
public network of responsibility for LAN management, reducing the need for  
complex operations on the **user** end. The possibilities for ATM data  
**terminals** go beyond the desktop workstations and personal **computers**  
used in today's LANs, and are likely to include also **terminals** that can  
be carried around easily, like the notebook **computers** and pen-based  
**palmtop** models now enjoying rapid growth. Assuming such portable data  
**terminals**, another demand will no doubt be for the configuration of  
virtual LANs to which connection...

...Descriptors: **computer** network management...

... **data communication** ; ...

...notebook **computers** ;

...Identifiers: high-speed **data communication** ; ...

...ATM data **terminals** ; ...

...notebook **computers** ; ...

...pen-based **palmtop** ; ...

...portable data **terminals** ;

12/3,K/2 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

4786253 INSPEC Abstract Number: C9411-3360B-021

**Title: Using smart technologies to revitalize demand responsive transit**

Author(s): Teal, R.F.

Author Affiliation: Logitrans Inc., Wilmette, IL, USA

Journal: IVHS Journal vol.1, no.3 p.275-93

Publication Date: 1994 Country of Publication: UK

CODEN: IVJOEM ISSN: 1065-5123

Language: English

Subfile: C

...Abstract: an ambitious attempt to use "breakthrough" technologies of the early 1970s-the minicomputer and 3GL **computer** languages-to develop a new form of public transit. However, as experience was gained with...

...context of a strong trend towards advance scheduling of trips restricted to particular classes of **users**. This is a service concept fundamentally at odds with the original premises of DRT, which...

... of performance and cost-effectiveness. Key developments include the advent of low cost, high performance **computer** hardware, generic relational database systems, moderately priced scheduling and dispatching software, mobile **computers**, inexpensive card readers and **hand - held data transfer devices**, off-the shelf automatic vehicle location technology, and electronic mapping software. As emerging efforts to take **advantage** of these technological possibilities proceed, how DRT is organized and delivered is likely to change...

...Descriptors: transport **computer** control...

...Identifiers: low cost high performance **computer** hardware...

...mobile **computers** ; ...

... **hand - held data transfer devices** ;

12/3,K/3 (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

4703215

**Title: Driving Microsoft (digital communications R&D)**

Author(s): Soat, J.

Journal: InformationWEEK no.477 p.100-2, 106, 110, 112

Publication Date: 30 May 1994 Country of Publication: USA

CODEN: INFWE4 ISSN: 8750-6874

Language: English

Subfile: D

...Abstract: operating system that supports continuous media delivery, such as movies or TV shows, over a **computer** network. Tiger is the first step in Microsoft's comprehensive information highway strategy, a digital ...

... of innovation to create the infrastructure to make it happen. With its brainy image and **pocket** -protector personality, Microsoft's success is often referred to as "Revenge Of The Nerds". Indeed, few companies have had the opportunity Microsoft now has-enough money, talent, resources, and **motivation** -to influence the future as well as technology.

Descriptors: **data communication** systems...  
...graphical **user** interfaces...  
...Identifiers: **computer** network...  
  
... **pocket** -protector personality

**12/3,K/4 (Item 1 from file: 6)**  
DIALOG(R) File 6:NTIS  
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2168939 NTIS Accession Number: PB2000-106095/XAB  
**Context Aware** Hand - Held Devices  
(Thesis)  
Tuulari, E.  
Valtion Teknillinen Tutkimuskeskus, Oulu (Finland). Electronics Lab.  
Corp. Source Codes: 095644003  
Report No.: VTT-PUBS-412; ISBN-951-38-5563-5  
cApr 2000 92p  
Languages: English  
Journal Announcement: USGRDR0020  
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NTIS Prices: PC A06/MF A01

**Context Aware** Hand - Held Devices  
The need to build devices that are more context aware has recently  
emerged. The **motivation** is to make devices easier to use on the one hand,  
and decrease the information...  
... Context awareness should be helpful because it provides information to  
the device without bothering the **user** . In this thesis the authors  
concentrate on the context awareness of **hand - held devices** . **hand - held devices** have special needs in the **user** interface, as they are  
small in size and fairly weak in performance. Moreover, they should...  
Descriptors: \*Hand held; \*Man **computer** ; **Computer** software;  
Distributed **computer** systems; Mobile equipment; Wireless **communication** ;  
Devices; Distributed **data** process

**12/3,K/5 (Item 1 from file: 8)**  
DIALOG(R) File 8:Ei Compendex(R)  
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

07005162 E.I. No: EIP04368341522  
**Title: Solutions for a new enterprise information system applying mobile computing technology**  
Author: Moriyama, Junji  
Corporate Source: Network System Department Information Systems Div.  
Hitachi, Ltd., Hitachi, Japan  
Source: Hitachi Review v 48 n 1 February 1999.  
Publication Year: 1999  
CODEN: HITAAQ ISSN: 0018-277X  
Language: English

...Abstract: and the data activities of field salespeople. While  
certainly there is a great demand for **shared** access to corporate **data** ,

there is also a justifiable concern that valuable private data might be leaked through the...

...array of systems have evolved that allow different degrees of access for different levels of **users**. Back-end support for valuable data that is input also presents problems regarding the proliferation of mobile computing. This situation **motivated** Hitachi to develop a diverse array of mobile products meeting the needs of **clients**, and to provide a wide range of mobile computing solutions including sales force automation (SFA)

...

Descriptors: \*Mobile computing; Information retrieval systems; Voice/**data communication** systems; Database systems; Internet; Intranets; **Data** processing; Electronic mail; **Personal digital assistants**; **Computer** software; Personal **computers**; Automation; **Customer** satisfaction

12/3,K/6 (Item 2 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)  
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06389619 E.I. No: EIP03217478555

**Title:** Using the KressArray for reconfigurable computing  
**Author:** Hartenstein, Reiner; Herz, Michael; Hoffmann, Thomas; Nageldinger, Ulrich  
**Corporate Source:** University of Kaiserslautern, D-67663 Kaiserslautern, Germany  
**Conference Title:** Configurable Computing: Technology and Applications  
**Conference Location:** Boston, MA, United States **Conference Date:** 19981102-19981103  
**E.I. Conference No.:** 60938  
**Source:** Proceedings of SPIE - The International Society for Optical Engineering v 3526 1998. p 150-161  
**Publication Year:** 1998  
**CODEN:** PSISDG **ISSN:** 0277-786X  
**Language:** English

...Abstract: conjunction with high data throughput. As an additional challenge, such applications are increasingly used in **handheld devices**, where also small package outlines and low power aspects are important. Many research approaches have...

...is introduced and its use in the Map-oriented Machine with Parallel Data Access (MoM- **PDA**) is shown. The M6M- **PDA** is an FPGA-based custom computing machine, which is able to perform concurrent memory accesses by means of a dedicated memory organization scheme. The **benefits** of this architecture are illustrated by an application example. 25 Refs.

Descriptors: \*Compute r architecture; Field programmable gate arrays; Parallel processing systems; Interconnection networks; Algorithms; Image processing; Cache memory; Dynamic random access storage; **Data transfer**; **User** interfaces

12/3,K/7 (Item 3 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)  
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05597890 E.I. No: EIP00075230829

**Title:** Web-enabled smart card for ubiquitous access of patient's medical record

Author: Chan, Alvin T.S.  
Corporate Source: Hong Kong Polytechnic Univ, Hong Kong, China  
Conference Title: The WWW8: 8th International World Wide Web Conference  
Conference Location: Toronto, Ont., Can Conference Date:  
19990511-19990514  
E.I. Conference No.: 56977  
Source: Computer Networks v 31 n 11 1999. p 1591-1598  
Publication Year: 1999  
CODEN: 003195 ISSN: 1389-1286  
Language: English

Abstract: The combined **benefits** of smart card to support mobility in a **pocket** coupled with the ubiquitous access of Web technology, present a new paradigm for medical information...

...card is viewed as a mobile repository of Web objects comprised of HTML pages, medical **data** objects, and **record** browsing and **updating** applet. As the patient moves between hospitals, clinics and countries, the mobility of the smart...

Descriptors: \*World Wide Web; Smart cards; Java programming language; Client server **computer** systems; Web browsers; HTML; Data structures; Hospital data processing; Database systems; Data acquisition

12/3,K/8 (Item 4 from file: 8)  
DIALOG(R)File 8: Ei Compendex(R)  
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05295083 E.I. No: EIP99064690702  
Title: Shared **remote control of a video conferencing application**: Motivation, **design, and implementation**  
Author: Hodes, Todd; Newman, Mark; McCanne, Steven; Katz, Randy; Landay, James  
Corporate Source: Univ of California, Berkeley, CA, USA  
Conference Title: Proceedings of the 1999 Multimedia Computing and Networking 1999  
Conference Location: San Jose, CA, USA Conference Date:  
19990125-19990127  
E.I. Conference No.: 55092  
Source: Proceedings of SPIE - The International Society for Optical Engineering v 3654 1999. p 17-28  
Publication Year: 1999  
CODEN: PSISDG ISSN: 0277-786X  
Language: English

Title: Shared **remote control of a video conferencing application**: Motivation, **design, and implementation**

...Abstract: the domain, describe the design and implementation of an application for manipulation of in-room **shared video** display. Our design employs a **user** interface split across multiple physical devices paired with a control protocol managing communication between them. The **client** portion runs on wirelessly-connected portable devices (laptops and 3Com **Palm Pilots**) and supports per- **user** input; the server portion handles presentation of **shared** output on a **video** monitor. Our design is optimized for meeting room use in three ways: simplified operation to reduce demands on attention, support for remote control, and support for access by multiple simultaneous **users**. (Author abstract) 35 Refs.

Descriptors: \*Multimedia systems; Video conferencing; Remote control;

Computer control; Personal computers ; Data communication systems;  
Network protocols; Computer supported cooperative work

12/3,K/9 (Item 5 from file: 8)  
DIALOG(R)File 8:EI Compendex(R)  
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04632409 E.I. No: EIP97023537384

Title: In your pocket : Smartcards

Author: Fancher, Carol Hovenga

Corporate Source: Tracor, Austin, TX, USA

Source: IEEE Spectrum v 34 n 2 Feb 1997. p 47-53

Publication Year: 1997

CODEN: IEESAM ISSN: 0018-9235

Language: English

Title: In your pocket : Smartcards

...Abstract: card's top left corner (a microcontroller), providing contacts to the outside world. The main **benefits** of smart cards include data security, active antifraud capability, flexibility in applications, multipurpose capability, and...

Descriptors: \*Smart cards; Cryptography; Input output programs; Clocks; PROM; Oscillators (electronic); Data communication systems; User interfaces; Security of data

Identifiers: Public key encryption (PKE); Central processing unit ( CPU ) ; Electronic wallet

12/3,K/10 (Item 6 from file: 8)

DIALOG(R)File 8:EI Compendex(R)

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04606169 E.I. No: EIP97013508871

Title: PDA -based graphical interchange for field service and repair workers

Author: Citrin, Wayne V.; Gross, Mark D.

Corporate Source: Univ of Colorado, Boulder, CO, USA

Source: Computers & Graphics (Pergamon) v 20 n 5 Sep-Oct 1996. p 641-649

Publication Year: 1996

CODEN: COGRD2 ISSN: 0097-8493

Language: English

Title: PDA -based graphical interchange for field service and repair workers

...Abstract: service information. The system will allow workers to download diagrams or photographs from a host **computer**'s central database onto a **PDA**. The workers will be able to annotate the diagrams to reflect work performed, and later upload the annotations to the host **computer**, where they will be integrated into an updated database. Diagram recognition functionality is distributed between the **PDA** (which performs low-level shape and handwriting recognition) and the host **computer** (which performs high-level domain-based diagram recognition). Distributing the functionality offers a number of **advantages** : it allows the relatively resource-poor **PDA** to be part of a powerful diagram recognition environment, it allows the use of standardized...

Descriptors: \*Graphical user interfaces; Telecommunication services;

Distributed database systems; Digital **computers** ; Character recognition; **Computer** hardware description languages; **Communication** channels (information theory); Personal **communication** systems; **Data** storage equipment

Identifiers: **Personal digital assistants ( PDA )**

**12/3,K/11 (Item 7 from file: 8)**  
DIALOG(R)File 8:Ei Compendex(R)

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04553953 E.I. No: EIP96110409023

**Title: Total EDI system of instrumentation**  
Author: Shirasaki, Yoshihiro; Kizawa, Tadashi  
Corporate Source: Chiyoda Corp, Yokohama, Jpn  
Conference Title: Proceedings of the 1996 Industrial Computing Conference, ICS/96  
Conference Location: Chicago, IL, USA Conference Date: 19961006-19961011  
E.I. Conference No.: 45589  
Source: Proceedings of the Industrial Computing Conference v 6 n 1 1996. Instrument Society of America, Research Triangle Park, NC, USA. p 163-172  
Publication Year: 1996  
CODEN: PINDET ISSN: 1058-8655  
Language: English

Abstract: EDI (Electric Data Interchange) is becoming common in the plant industries. Many plant **owners** have introduced TIMS (Technical Information Management System) and intelligent CAD-based plant design tools as...

...database adapts life cycle technology to instrumentation work. Field work is improved with an Advanced **PDA** ( **Personal Digital Assistant** ). This system enables paperless work in instrumentation and provides many **benefits** to plant **owners**, contractors and manufacturers such as efficiency improvement. (Author abstract)

Descriptors: \*Dat a **communication** systems; **Computer** aided design; Information technology; **Computer** aided engineering; Database systems; **Computer** aided manufacturing; **Computer** integrated manufacturing

Identifiers: Electric data interchange (EDI); Technical information management system (TIMS); Life cycle technology; **Personal digital assistant ( PDA )**

**12/3,K/12 (Item 8 from file: 8)**

DIALOG(R)File 8:Ei Compendex(R)

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04096030 E.I. No: EIP95032606519

**Title: Module supplies links for portable units**  
Author: Ajluni, Cheryl  
Source: Electronic Design v 43 n 2 Jan 23 1995. 2pp  
Publication Year: 1995  
CODEN: ELODAW ISSN: 0013-4872  
Language: English

...Abstract: Transceiver module HSDL-1000 offers low cost, low-power, point-to-point, through-the-air **data transfer** in a serial, half duplex mode. The major **benefit** of the module in light of the IRDA standards, is

that **users** will be able to transfer information between **personal digital assistants** (PDAs) which in turn can send document to printers or to and from different-make...

Descriptors: \*Multichip modules; Transceivers; Infrared devices; Personal **computers** ; Printed circuit boards; **Data** handling; **Data communication** systems; Integrated circuits; Reliability; Light emitting diodes

**12/3,K/13 (Item 1 from file: 94)**

DIALOG(R) File 94:JICST-EPlus

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03423277 JICST ACCESSION NUMBER: 98A0065176 FILE SEGMENT: JICST-E  
**User Interface Design for Portable Information Tool.**  
ONAI KATSUHIKO (1); MATSUMOTO JUN (1); OGAWA KIYOHISA (2)  
(1) Toshiba Corp., Des. Cent.; (2) Toshiba Corp., Ome Work.  
Toshiba Rebyu(Toshiba Review), 1997, VOL.52,NO.11, PAGE.65-68, FIG.8, REF.3  
JOURNAL NUMBER: F0360AAK ISSN NO: 0372-0462 CODEN: TORBA  
UNIVERSAL DECIMAL CLASSIFICATION: 681.327.2  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Commentary  
MEDIA TYPE: Printed Publication

**User Interface Design for Portable Information Tool.**

ABSTRACT: **User** interface design plays an effective role in improving the **benefits** offered by a system. In particular, portable information tools must have a well-designed **user** interface. In developing the **GENIO pocket** communicator, we took great care in designing the **user** interface from many aspects. For example, the **user** can call a registered person without using the pen or opening the display cover. The graphical **user** interface(GUI) is consistent and serves as a real-world metaphor, making it easy to understand. Moreover, the shape of the body fits the **user**'s hand in any situation. (author abst.)

DESCRIPTORS: **terminal** equipment...

...personal **computer** ; ...

... **data communication** ; ...

... **user interface**...

...personal **computer** communication

...BROADER DESCRIPTORS: **digital computer** ; ...

... **computer** ;

**12/3,K/14 (Item 2 from file: 94)**

DIALOG(R) File 94:JICST-EPlus

(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.

03021194 JICST ACCESSION NUMBER: 96A0929684 FILE SEGMENT: JICST-E  
**Personal Communicator "Pinocchio".**  
SHITANDA HIDEKI (1); TERAI HIDEO (1); SUGITA TAKUYA (1)  
(1) Matsushita Electr. Ind. Co., Ltd.  
Nat'l Tech Rep, 1996, VOL.42,NO.5, PAGE.632-638, FIG.7, REF.1  
JOURNAL NUMBER: G0474AAH ISSN NO: 0028-0291 CODEN: NTROA

UNIVERSAL DECIMAL CLASSIFICATION: 621.396.73  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

...ABSTRACT: letters. Pinocchio has internal PHS functions and 1/4 VGA LCD.  
It features: (1) "Handy" **pocket** -size by power-saving and high-density  
mounting technologies. (2) "Memo" by simple input with...

...being disturbed, and can convey messages where oral communication is  
difficult. Thus, Pinocchio offers new **benefits** and a new life style  
to the **users**. (author abst.)

...DESCRIPTORS: **terminal** equipment...

... **pocket** bell...

... **data communication** ; ...

...personal **computer** ; ...

...personal **computer** communication

...BROADER DESCRIPTORS: digital **computer** ; ...

... **computer** ;

12/3,K/15 (Item 1 from file: 95)  
DIALOG(R)File 95:TEME-Technology & Management  
(c) 2004 FIZ TECHNIK. All rts. reserv.

01013262 E96071326367

**Network Computer - das Zauberwort der Zukunft? Oracle praesentiert**  
**Partner fuer Internet Computer**  
(Oracle introduces partners for Internet **computer** : Network **Computer** -  
the personal **computer** of the future?)  
anonym  
INFOdoc, v22, n3, pp12-15, 1996  
Document type: journal article Language: German  
Record type: Abstract  
ISSN: 0941-6048

**Network Computer - das Zauberwort der Zukunft? Oracle praesentiert**  
**Partner fuer Internet Computer**  
(Oracle introduces partners for Internet **computer** : Network **Computer** -  
the personal **computer** of the future?)

ABSTRACT:

Die Oracle Corporation hat fuer den von ihr konzipierten Network **Computer**  
erste Hersteller, Technologiepartner Distributoren praesentiert. Zusammen  
mit Apple, IBM, Netscape und Sun Microsystems einigte man...  
...5000 DM kosten, ohne dass ihre technischen Moeglichkeiten immer  
ausgenutzt werden, wird bei dem Network **Computer** (NC) ein Preis zwischen  
450 und 750 DM angestrebt. Der NC besitzt keine Festplatte, verfuegt ueber  
eine GUI (Graphical **User** Interface) und bezieht alle sonst benoetigten  
Programme und Daten von einem Server. Der erste Prototyp besitzt mit dem  
32-Bit Multimedia RISC-Chip ARM 7500 eine **CPU**, in der unter anderem  
I/O-Funktionen und Speicherzugriffsfunktionen integriert sind. Alle

Netzwerk-Schnittstellenstandards werden...

...Pager dient dem Senden- und Empfangen von e-Mail und der Nutzung von Informationsdiensten. Der **Personal Digital Assistant** ( **PDA** ) bietet zusaetlich zur lokalen Datenbank den Zugriff auf andere Datenbanken. NC TV ist vorgesehen fuer...

...DESCRIPTORS: CIRCUITS; MICROCOMPUTERS; **COMPUTER NETWORKS**; **BENEFIT COST ANALYSIS**; APPLICATION SOFTWARE; CENTRAL PROCESSING UNIT; **USER INTERFACES**; GRAPHIC PRESENTATION; MESSAGE PROCESSING; SPREADSHEET PROGRAM; TELEVISION TELEPHONES; DATA BANK; **COMPUTER INTERFACES**; STANDARDISATION; SCREENS...

...LOCAL AREA NETWORKS; DATA EXCHANGE; DATA **COMMUNICATION** ; DATA NETWORKS; **COMMUNICATION PROTOCOLS**; **DATA TELECOMMUNICATION**; COST REDUCTION; INTERCONTINENTAL NETWORKS; OPEN **COMMUNICATION**

IDENTIFIERS: Netzwerk- **Computer** ; Internet-Standard; niedriger Preis

12/3,K/16 (Item 2 from file: 95)

DIALOG(R) File 95:TEME-Technology & Management  
(c) 2004 FIZ TECHNIK. All rts. reserv.

00774297 E94054678020

**A microkernel-based operating system for personal digital assistants**  
(Ein Mikrokernel-basiertes Betriebssystem fuer **Personal Digital Assistants** )

Loucks, L; Manikundalam, R; Rawson, FL

IBM Austin, USA; IBM Boca Raton, USA

4th Workshop on Workstation Operating Syst., Proc., Napa, USA, Oct 14-15, 1993

Document type: Conference paper Language: English

Record type: Abstract

ISBN: 0-8186-4000-6

**A microkernel-based operating system for personal digital assistants**  
(Ein Mikrokernel-basiertes Betriebssystem fuer **Personal Digital Assistants** )

#### ABSTRACT:

...number of projects currently underway to create a new class of computing device called a **personal digital assistant** ( **PDA** ). These **devices** are **hand - held** computing systems that provide a range of applications including personal productivity, connectivity, entertainment and field...  
...is to provide a reasonable operating system for the application software that runs on the **PDA** . The authors believe that their previous work on a microkernel using the Mach technology and...

...message-passing programming paradigm and real time features, all of which are important in a **PDA** operating system. Reusing the code developed for or to run on the microkernel on a **PDA** also has obvious economic **benefits** . However, their standard microkernel and microkernel-based products require a number of changes to make them smaller and to adapt them to the **PDA** environment.

DESCRIPTORS: SYSTEM ARCHITECTURE; SYSTEM DESCRIPTION; MEMORY MANAGEMENT; MICROCOMPUTERS; **COMPUTER NETWORKS**; **DATA COMMUNICATION** ; APPLICATION SOFTWARE; DISTRIBUTED COMPUTING; **DATA TELEPROCESSING**; OPERATING SYSTEM...

... COMPUTERS ; REAL TIME METHOD; CLIENT SERVER SYSTEMS; MULTICOMPUTER SYSTEMS; COMPUTER APPLICATIONS; INTELLIGENT TERMINALS ; LAPTOPS; DATA EXCHANGE; UNIX OPERATING SYSTEMS; COMPUTER ARCHITECTURE; NOTEBOOK COMPUTERS

IDENTIFIERS: PDA --( PERSONAL ...

...PERSONAL DIGITAL ASSISTANT); MOBILES COMPUTING; Mikrokernell; Betriebssystem

12/3,K/17 (Item 1 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
(c) 2004 The HW Wilson Co. All rts. reserv.

1506920 H.W. WILSON RECORD NUMBER: BAST97029132

**Electronic devices speed field data collection**

Electrical World v. 211 (Apr. '97) p. 44-6

DOCUMENT TYPE: Feature Article ISSN: 0013-4457

ABSTRACT: Utilities are using hand - held electronic devices , such as hand - held computers and 2-way wireless data communication systems, for access to and transmission of customer information. Customer information held in a database in a hand-held computer allows servicemen to access technical data, service histories, and parts requirements on-site. Customer records, repair data, meter readings, parts consumption, and future requirements can be transmitted almost instantly. The benefits of wireless technology and the design of a wireless system, including the problem of obtaining...

DESCRIPTORS: Pen-based computers ; ;

12/3,K/18 (Item 1 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

05253712

**Microsoft to Emerge A Changed Company; Results of Case to Shake Software Industry**

Chandrasekaran, Rajiv; Corcoran, Elizabeth

Washington Post, Sec A, p 13, col 1

Oct 19, 1998

ISSN: 0190-8286 NEWSPAPER CODE: WP

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Long (18+ col inches)

...ABSTRACT: the past decade, Microsoft's Windows operating system has established a standard electronic language for computer users all over the world, enabling them to easily share data files and programs. Every few years, Microsoft has added new features and functions to Windows, which...

...harder into new markets. Microsoft maintains its approach of building a blanket of software will benefit consumers: Having versions of Windows run on all types of devices , from hand - held machines to back-office mainframes, will simplify computing for the masses, the company contends. ?

17/3,K/1 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

7244943 INSPEC Abstract Number: C2002-05-6130G-014

**Title: Collaboration using heterogeneous devices-from 3D workstations to PDAs**

Author(s): Krebs, A.M.; Dorohonceanu, B.; Marsic, I.

Author Affiliation: CAIP Center, Rutgers Univ., Piscataway, NJ, USA

Conference Title: Proceedings of the IASTED International Conference.

Internet and Multimedia Systems and Applications p.309-13

Editor(s): Furht, B.

Publisher: IASTED, Anaheim, CA, USA

Publication Date: 2000 Country of Publication: USA iv+479 pp.

ISBN: 0 88986 314 8 Material Identity Number: XX-2000-01184

Conference Title: Proceedings of 2000 Conference on Internet and Multimedia Systems and Applications

Conference Sponsor: IASTED

Conference Date: 19-23 Nov. 2000 Conference Location: Las Vegas, NV, USA

Language: English

Subfile: C

Copyright 2002, IEE

**Abstract:** The heterogeneity of computing platforms manifests itself in CPU speed, memory, display capabilities, and network bandwidth, with the last two accounting for the most...

... current developments indicate that they are likely to be the most variable. We take a **data** -centric approach, where conferees **share** the same **data** or a subset of that data. Our work on the Manifold framework supports the development...

... ranging from 3D environments on workstations to 2D constraint environments running on PDAs (e.g. **Palm Pilots**). Our approach allows **clients** with different capabilities to **share** different subsets of **data** in order to conserve **communication** bandwidth. We also illustrate, via an extreme example of size and dimensionality differences, that heterogeneous collaboration does not appreciably affect task performance and that **users**, perceive the task performance to be equivalent to homogenous environment collaboration.

17/3,K/2 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

6667838 INSPEC Abstract Number: C2000-09-7810-015

**Title: Non-Windows genealogy software**

Author(s): Probert, E.D.

Journal: Computers in Genealogy vol.7, no.2 p.81-7

Publisher: Soc. Genealogists,

Publication Date: June 2000 Country of Publication: UK

CODEN: CGENER ISSN: 0263-3248

SICI: 0263-3248(200006)7:2L.81:WGS;1-1

Material Identity Number: K946-2000-003

Language: English

Subfile: C

Copyright 2000, IEE

...Abstract: major genealogical database and utility programs, mostly available from UK suppliers, for IBM PC compatible **computers** running under MS-DOS, Apple Macintosh, Newton, Psion and **Palm Pilot computers**. With the exception of the utilities, the programs are lineage linked databases with facilities to accept and produce **data files** complying with the GEnealogical **Data COMunications (GEDCOM)** **transfer** standard of the LDS Church. The packages normally produce charts, reports and lists, and on-screen help. Commercial packages include a printed **user** manual; with shareware packages, a **user** manual will usually be provided as a text file or word **processor** file. Often included with the program is a sample database with which to explore the...

17/3,K/3 (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

6149687 INSPEC Abstract Number: C1999-03-5220-001

**Title: Trends in embedded microprocessor design**

Author(s): Schlett, M.

Journal: Real-Time Magazine no.4 p.14, 16-20

Publisher: Real-Time Consult,

Publication Date: Oct.-Dec. 1998 Country of Publication: Belgium

CODEN: RTMAFD ISSN: 1018-0303

SICI: 1018-0303(199810/12)4L.14:TEMD;1-Z

Material Identity Number: E387-1999-001

Language: English

Subfile: C

Copyright 1999, IEE

Abstract: Makers of embedded 32-bit **processors** have narrowed the gap between embedded and desktop systems, as new applications have fostered new classes of **processors**. How will this trend influence future embedded **processor** design? Where the desktop is ruled by a few operating systems, the embedded arena is...

... be witnessing a path to increased standardization and unification. The growing interest in handheld and **palmtop** PCs, personal **communicators**, Internet phones, and **video** game consoles has created a demand for a standard operating system that could unite the embedded **processor** market just as it did the desktop market. Microsoft has already reacted to that demand...

... Java. With Java, developers can write code for a specific system independently of the underlying **processor** platform. Sun also introduced special **processors** to run Java more efficiently and thus further the unification process. Java's and Windows CE's current success in the embedded domain results largely from their excellent graphical **user** interfaces. Their further growth will depend on their ability to run conventional embedded control programs...

17/3,K/4 (Item 4 from file: 2)

DIALOG(R) File 2:INSPEC

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6049410 INSPEC Abstract Number: B9811-6210G-007, C9811-6155-004

**Title: Implementation of a wireless E-mail system**

Author(s): Bo-Kyung Lee; Chong-Sun Hwang

Author Affiliation: Sch. of Comput. Sci., Birmingham Univ., UK

Journal: Journal of KISS(C) (Computing Practices) vol.4, no.3 p. 372-9

Publisher: Korea Inf. Sci. Soc,

Publication Date: June 1998 Country of Publication: South Korea

CODEN: CKNCFY ISSN: 1226-2293

SICI: 1226-2293(199806)4:3L.372:IWMS;1-J

Material Identity Number: E347-98005

Language: Korean

Subfile: B C

Copyright 1998, IEE

**Abstract:** The paper aims to implement a wireless E-mail system working on wireless **data communication** networks. The wireless E-mail system involves the implementation of wireless protocols such as NCL...

...is a data link layer protocol which can be used to communicate between a wireless **terminal** and a radio packet modem (RPM). SCR supports both a data link layer protocol and network layer protocol. Using SCR, the host **computer** can **communicate** with RNG of the wireless **data** network. Through the wireless E-mail system, messages can be sent and received not only between wireless **terminals** but also between Internet **users** and between wireless **terminals** and Internet **users**. Notebook, **palmtop** and other portable **computers** can be used as a wireless **terminal** by using a wireless modem. Voice-oriented wireless communications are widely used at present, but...

**17/3,K/5 (Item 5 from file: 2)**

DIALOG(R) File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

5743298 INSPEC Abstract Number: C9712-7140-047

**Title: Mobile workers: access to information on the move**

Author(s): Miah, T.; Bashir, O.

Author Affiliation: Dept. of Comput. Studies, Loughborough Univ. of Technol., UK

Journal: Computing & Control Engineering Journal vol.8, no.5 p. 215-23

Publisher: IEE,

Publication Date: Oct. 1997 Country of Publication: UK

CODEN: CCEJEL ISSN: 0956-3385

SICI: 0956-3385(199710)8:5L.215:MWAI;1-T

Material Identity Number: N648-97006

U.S. Copyright Clearance Center Code: 0956-3385/97/\$10.00

Language: English

Subfile: C

Copyright 1997, IEE

**Abstract:** As the development of 'pen computing' continues, more and more of today's **computers** are likely gradually to move away from people's desktops and into their **pockets**. The development of **personal digital assistants** (PDAs) has initiated this move. As these devices move into people's **pockets**, they need the ability to access information on the move. This article describes a generic view of a **client server** mobile

computing architecture. It also sheds some light on the basic network topologies that...

... such systems. The scenario used is a hospital ward. Each doctor is equipped with a **PDA** and each ward or a group of wards with a server providing patient records. As...

...patient in a ward, the patient's record is accessed from the server onto the **PDA**. The doctor **updates** the **record** and **sends** the **update** back to the server.

**17/3,K/6 (Item 6 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

5101468 INSPEC Abstract Number: B9512-6250F-077, C9512-5630-007

**Title: Airdisks and airRAID: modeling and scheduling periodic wireless data broadcast**

Author(s): Jain, R.; Werth, J.

Author Affiliation: Bellcore, Morristown, NJ, USA

Journal: Computer Architecture News vol.23, no.4 p.23-8

Publication Date: Sept. 1995 Country of Publication: USA

CODEN: CANED2 ISSN: 0163-5964

Language: English

Subfile: B C

Copyright 1995, IEE

**Abstract:** A new generation of low-cost, low-power, and portable personal **computer** systems is emerging; sometimes these are referred to as **palmtops** or **personal digital assistants** (PDAs). One of their key features is that they utilize wireless communication media, thus freeing the **user** from the constraints of wired or tethered communication. In fact, the wireless medium becomes a critical component of the I/O subsystem, allowing communication with fixed servers and other **users**. In particular, the broadcast nature of the wireless medium can be exploited to efficiently transmit information required by a large number of **PDA users** (e.g. stock quotes, sports updates, etc.), with software on the **PDA** being used to filter the information and present only the information of interest to the **PDA user**. We introduce a simple model, called the **airdisk**, for modeling the access of **data transmitted** periodically over wireless media as being analogous to the access of data from a standard...

...minimize read time, given information about which data items are of most interest to the **clients**, are defined; both are shown to be NP-complete. We discuss ways in which the information about which items are of interest to **clients** can be obtained. Finally we consider how to increase the performance and storage capacity of...

**17/3,K/7 (Item 7 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

5057586 INSPEC Abstract Number: B9511-6330-002, C9511-7410F-015

**Title: A distributed software architecture for GPS-driven mobile applications**

Author(s): Dennehy, T.G.

Author Affiliation: Environ. Res. Inst. of Michigan, Ann Arbor, MI, USA  
Conference Title: Proceedings of the Second USENIX Symposium on Mobile and Location-Independent Computing p.99-108  
Publisher: USENIX Assoc, Berkeley, CA, USA  
Publication Date: 1995 Country of Publication: USA 136 pp.  
Conference Title: Proceedings 2nd USENIX Symposium on Mobile and Location Independent Computing  
Conference Sponsor: Usenix Assoc  
Conference Date: 10-11 April 1995 Conference Location: Ann Arbor, MI, USA  
Language: English  
Subfile: B C  
Copyright 1995, IEE

...Abstract: world events into a command protocol can create an architecture whose components operate identically on **hand - held devices**, man-portable or vehicle-borne units, notebook or desktop **computers**. SANSE, a portable navigation and geographic information management system having several redundant **user** interfaces, is described. In SANSE, a collection of distributed interactors translate events-spoken words, input from GPS hardware, timers expiring, input from **files** or **communication** links, and direct manipulation actions-into SANSE commands that are sent to one or more...

**17/3,X/8 (Item 8 from file: 2)**

DIALOG(R) File 2:INSPEC  
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

5050499 INSPEC Abstract Number: B9510-7930-007  
**Title: ORBCOMM low Earth orbit mobile satellite communication system**  
Author(s): Hara, T.  
Author Affiliation: Orbital Commun. Corp., Virginia, VA, USA  
Conference Title: Proceedings of the 1994 Tactical Communications Conference. Volume One. Digital Technology for the Tactical Communicator (Cat. No.94TH0678-3) p.299-310  
Publisher: IEEE, New York, NY, USA  
Publication Date: 1994 Country of Publication: USA xxii+519 pp.  
ISBN: 0 7803 2004 2  
U.S. Copyright Clearance Center Code: 0 7803 2004 2/94/\$4.00  
Conference Title: Proceedings of TCC'94 - Tactical Communications Conference  
Conference Sponsor: Adv. Res. Projects Agency  
Conference Date: 10-12 May 1994 Conference Location: Fort Wayne, IN, USA  
Language: English  
Subfile: B  
Copyright 1995, IEE

Abstract: The ORBCOMM digital **data communication** and position determination system can provide the United States Armed Forces with two-way on...

... of terrestrial fixed site relays or repeaters to provide worldwide geographic coverage. The subscriber communicators (**user terminals**) are lightweight and **pocket** -sized. They transmit and receive short digital burst packets, with inherent LPI/LPD.

17/3,K/9 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

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4691846

**Title: The mobile office: footloose and wire-free**

Author(s): Mamis, R.A.

Journal: Inc vol.16, no.4 p.121

Publication Date: April 1994 Country of Publication: USA

CODEN: INCCDU ISSN: 0162-8968

Language: English

Subfile: D

**Abstract:** After a hurricane whipped into Hawaii in 1992, hotel-supply **clients** on Kauai summoned Bristol and Associates, a project-management consultancy, to help rally their businesses...

... and the main island. Skyway Cellular, a portable electronics dealer, augmented Bristol's Macintosh PowerBook **computer** with a Motorola MicroTac Lite handheld cellular phone with data interface, a Global Village Gold...

... printer. Bristol hooked them together and were able to get through to disaster-coordination centers, **send** and receive faxes, relay **data files**, and otherwise conduct normal business. The experience inspired Skyway to broaden its product line to include **palmtops**, wireless electronic mail, pagers, and even geographic-position finders. Skyway now offers a complete range...

... likewise excited Bristol, who now choose restaurants over offices as settings for serious discussions with **clients**. If additional data are needed, they download the information at the table from the main...

17/3,K/10 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

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4186553

**Title: Pocket Modem: a diminutive but serious tool**

Author(s): Armour Van Horn, G.

Journal: Computers in Accounting vol.8, no.4 p.76-7

Publication Date: June 1992 Country of Publication: USA

CODEN: CACCEA ISSN: 0883-1866

Language: English

Subfile: D

**Abstract:** The **Pocket Modem** is ideal for use with laptops. It's more expensive than most full-sized...

... pay a premium for it if you need its portability. You can conveniently carry the **Pocket Modem** in your briefcase and **send files** to and from your office when visiting **clients** who don't use modems. The unit receives its power from the **computer**'s serial port, and the power drain is only 0.3 watts, which shouldn't...

17/3,K/11 (Item 11 from file: 2)

DIALOG(R)File 2:INSPEC

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04083196

**Title: Psion's powerful pocketable**

Author(s): Pountain, D.

Journal: BYTE vol.17, no.1 p.40-1

Publication Date: Jan. 1992 Country of Publication: USA

CODEN: BYTEDJ ISSN: 0360-5280

Language: English

Subfile: D

**Abstract:** The author reviews the Psion Series 3 **pocket computer**. It is not DOS compatible but it does have a multitasking operating system suitable for a **pocket** machine. It is driven by a 4 MHz NEC V30 (8086-compatible) **processor** and uses Hitachi's double retardation film LCD technology in an 8-row by 40-column screen. A touch pad below the screen enables the **user** to switch instantly between built-in applications. The author briefly describes the word **processor**, **data**, world and agenda applications. **Communication** with the Psion is also discussed.

**17/3,K/12 (Item 12 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03613761 INSPEC Abstract Number: B90033328, C90030381

**Title: Electricity metering now and in the future**

Author(s): Kanow, K.; Wilkinson, G.A.K.

Author Affiliation: Siemens AG, Nuremberg, West Germany

Conference Title: 7th CEPSSI. Technical Papers. Seventh Conference on Electric Power Supply Industry p.1-36/1-11 vol.1

Publisher: SW Queensland Electricity Board, Brisbane, Qld., Australia

Publication Date: 1988 Country of Publication: Australia 6 vol. 3764 pp.

Conference Date: 15-22 Oct. 1988 Conference Location: Brisbane, Qld., Australia

Language: English

Subfile: B C

...Abstract: electricity meters and metering systems in the three broad areas of: utilities and large industrial **customers**; industry and commerce; and trade, agriculture and residential. Attention centres around the possibilities which now...

...flexible tariff structures. Finally the authors include a description of the possible transmission paths for **transferring** the **data**, either locally via a **hand held unit** or remotely to a PC in the **computer** billing centre.

**17/3,K/13 (Item 13 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03373670 INSPEC Abstract Number: D89001292

**Title: AgendA-the intelligent filing cabinet**

Author(s): Kennedy-Davies, H.

Journal: Office Equipment News p.53  
Publication Date: March 1989 Country of Publication: UK  
CODEN: OEINET  
Language: English  
Subfile: D

Abstract: Microwriter, a hand-held word **processor** with only six keys was Microwriter Systems' first product in the early 1980s. Now the Agenda, its successor, has emerged, a true multi-function **pocket** -sized office organiser and word **processor**. The Agenda **user** just keys information in using the alphanumeric keys or the Microwriting keys. There are two...

... and second where files are structured in individual electronic 'drawers', under categories defined by the **user**. Other functions of the Agenda include diary, clock, alarm and various programming options. It can be linked to printers with a serial or parallel interface. **Data** can be **transferred** to and from a PC. Once communications **data** about a printer or printers is loaded into the Agenda, it can be rapidly recalled...

17/3,K/14 (Item 14 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03025494 INSPEC Abstract Number: C88003567  
**Title: Travelling Sidekick: the computerised solution for a busy manager**  
Author(s): Barton, P.  
Journal: Construction Computing no.15 p.31-2  
Publication Date: Oct. 1986 Country of Publication: UK  
CODEN: CNSCEB ISSN: 0264-6854  
Language: English  
Subfile: C

Abstract: The author describes a cheap **computer** package called 'Travelling Sidekick' which professes to provide a busy manager with easier access to telephone numbers, addresses and appointments. The package stores all the relevant information in the **computer** but appropriate sections can be printed out and stored in a purpose-made, loose-leaf notebook called 'The Organiser'. Any information collected while the **user** is away from the **computer** can then be entered into the notebook at the time and later transferred into the **computer**. The first task, as with all **computer** packages, was to enter the necessary **data**. In this case, it meant **transferring** addresses, telephone numbers, appointments, and meetings from his **pocket** diary, desk diary, business cards and various pieces of paper littered on his desk. The...

17/3,K/15 (Item 15 from file: 2)  
DIALOG(R)File 2:INSPEC  
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02274429 INSPEC Abstract Number: B84038204, C84031703  
**Title: Private- and common-carrier paging**  
Author(s): Heinze, E.  
Author Affiliation: Millicom, Washington, DC, USA  
Journal: Telecommunications vol.18, no.3 p.66-8, 73  
Publication Date: March 1984 Country of Publication: USA  
CODEN: TLCOAY ISSN: 0040-2494

Language: English  
Subfile: B C

Abstract: Discusses Millicom's service which allows users to send full text **data** messages over the airwaves to remote **packet** receivers. Messages are sent through the **user**'s CRT **terminal** or **computer** system when connected to Millicom's network. The Millicom METANET Network is a one-way digital message paging communications system which allows data-**terminal** entry of numerical and textual messages through dial-up or dedicated telephone lines. The system...

17/3,K/16 (Item 1 from file: 8)  
DIALOG(R) File 8:EI Compendex(R)  
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02027080 E.I. Monthly No: EI8610093862 E.I. Yearly No: EI86021680

**Title: INTEGRATED NETWORKS FOR ENGINEERING.**

Author: Gentile, Ron

Corporate Source: Apollo Computer Inc, Chelmsford, MA, USA

Source: Computers in Mechanical Engineering v 5 n 1 Jul 1986 p 10-14

Publication Year: 1986

CODEN: CMENDY ISSN: 0745-9726

Language: ENGLISH

...Abstract: But group productivity has lagged because, in most cases, networking has not kept up with **computer** system advances. This lag has resulted in **pockets** of automation whose isolation from each other hinders the performance of engineering groups. This article...

...manufacture of a product can be executed on a network of workstations that, to the **user**, looks like a single system. Special software allows **sharing** of **files** and uniform access to applications from any network location and whenever needed. (Edited author abstract)

17/3,K/17 (Item 2 from file: 8)  
DIALOG(R) File 8:EI Compendex(R)  
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01401314 E.I. Monthly No: EI8311093458 E.I. Yearly No: EI83032456

**Title: Microcomputers in Electroplating.**

Title: MIKROCOMPUTER IN DER GALVANOTECHNIK.

Author: Juelicher, Bernd

Corporate Source: Fachschule fuer Metallgestaltung und Metalltechnik, Solingen, West Ge

Source: Galvanotechnik v 74 n 5 May 1983 p 538-540

Publication Year: 1983

CODEN: GVTKAY ISSN: 0016-4232

Language: GERMAN

...Abstract: data. Service technicians can update their customers' card indexes, record orders, and take note of **customers**' specific needs. With the aid of desk top equipment, small and medium size electroplating works ...

...carry out bath analyses and make chemical addition and rinse water calculations. The introduction of **computer** techniques will very soon be

unavoidable in all electroplating factories. In German.

17/3,K/18 (Item 1 from file: 34)  
DIALOG(R) File 34:SciSearch(R) Cited Ref Sci  
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04527512 Genuine Article#: TK326 No. References: 3  
**Title: PDAs AS MOBILE WWW BROWSERS**  
Author(s): GESSLER S; KOTULLA A  
Corporate Source: UNIV KARLSRUHE,TELECOOPERAT OFF,VINCENZ PRIESSNITZ STR  
1/D-76131 KARLSRUHE//GERMANY/  
Journal: COMPUTER NETWORKS AND ISDN SYSTEMS, 1995, V28, N1-2 (DEC), P53-59  
ISSN: 0169-7552  
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

**Abstract:** In this paper we present a WWW frontend for Apple's **Personal Digital Assistant** ( **PDA** ) Newton. At the Telecooperation Office (TecO) we carry out a project researching information retrieval by mobile **hand - held devices** . In this context we are investigating impacts of **PDA** architecture (e.g. limited storage capabilities, small display) on the usability of these devices to...

...As a result of these activities, we developed a WWW browser for the Apple Newton **PDA** . Currently WWW access is restricted to stationary hosts. It would be a very promising approach...

...access to this global information system via mobile devices. PDAs are the pinnacle of modern **computer** and communication technology and supposed to be in everybody's possession in a few years. These hand-held systems offer wireless communication and advanced integration: You can carry **computer** and communication services in your **pocket** . They can be used as mobile information browsers not only in hospitals or libraries but...

...combined in one device. We demonstrate the feasibility of providing access to WWW via mobile **hand - held devices** . Based on our experiences we will report the special requirements for PDAs as WWW **clients** . Those requirements are, e.g., pre-processing of graphical **data** and reflection of small bandwidth wireless **communication** . We will present the architecture of our **PDA** WWW browser based on the concept of distributed **clients** and discuss desirable **PDA** specific features of the WWW service. Finally we want to present first experiences in using...

17/3,K/19 (Item 1 from file: 94)  
DIALOG(R) File 94:JICST-EPlus  
(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.

02560906 JICST ACCESSION NUMBER: 95A0972696 FILE SEGMENT: JICST-E  
**Remote Maintenance System "MULTITELEC".**  
KAIHOTSU HIROMASA (1)  
(1) Ebara Corp.  
Ebara Jiho(Ebara Engineering Review), 1995, NO.169, PAGE.41-45, FIG.4  
JOURNAL NUMBER: F0034AAK ISSN NO: 0385-3004 CODEN: EHJIA  
UNIVERSAL DECIMAL CLASSIFICATION: 66.012.1  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal  
ARTICLE TYPE: Commentary  
MEDIA TYPE: Printed Publication

ABSTRACT: Ebara's newly developed remote maintenance system, MULTITELEC, features overall **data** processing and **data transfer** for plant operation and management. Digitized **data** from plant equipment and systems are **transmitted**, via a telephone line, to a regional **data** management center where they are input into a database. Operation reports of equipment and systems...

...accessed automatically. Warnings of system failures and such are also transmitted automatically from a remote **terminal** to designated fax machines or **pocket** pagers, thus enabling swift response for an emergency situation. **Clients**, as well as maintenance specialists, can access each regional data management center's database through...

17/3,K/20 (Item 1 from file: 95)  
DIALOG(R) File 95:TEME-Technology & Management  
(c) 2004 FIZ TECHNIK. All rts. reserv.

01499864 20010307301  
**Mobile phones for UMTS**  
(Mobiltelefone fuer UMTS)  
Wagenlehner, K  
Siemens, Munich, D  
Micro.tec 2000, Applications - Trends - Visions, VDE World Microtechnol.  
Congress, Proc., Vol. 2, Hannover, D, Sep 25-27, 20002000  
Document type: Conference paper Language: English  
Record type: Abstract  
ISBN: 3-8007-2579-7

ABSTRACT:  
...undisturbed growth of public wireless communication and expand it from voice into the world of **data communication**, Internet and multimedia. It is expected that by 2008 there will be 2 billion cellular...

...global basis and half of them will use third generation systems and services. The end- **user** will be the real winner, he can shop, conduct his banking business, order tickets, play...

...the world's biggest databases and plenty of entertainment offerings, all available through a single **hand - held device**. It will be the challenge for the manufacturers to develop and produce a range of **terminals** that accommodate multiple bands and modes, offer the access to applications and services with the...

...are nevertheless small, have the same light weight, provide the operation time of current GSM **terminals**, and are aesthetically attractive and are pleasant to use.

17/3,K/21 (Item 2 from file: 95)  
DIALOG(R) File 95:TEME-Technology & Management  
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00939409 E95126085031

**Managing our assets-- a new generation of geographical information systems (GIS)**

(Haushaelterischer Umgang mit unserem Aktivvermoegen - eine neue Generation von geographischen Informationssystemen (GIS))

Bonazountas, M; Kallidromitou, D; Schaller, J

Nat. Tech. Univ. of Athens, Zografou, GR

EITC 94, Software Technologies, Conf. Proc., Brussels, B, JUN 6-8, 19941994

Document type: Conference paper Language: English

Record type: Abstract

**ABSTRACT:**

...it is expected that by year 2000, the world will 'go' digital and information and **data sharing** via GIS will play a key role in this information evolution. While at the current...

...using distributed computing on fibre-optic networks; friendlier and more graphics oriented with more powerful **user** interfaces which will extend GIS to any **user**; better software tools for database integration and database management; growing use of GIS standards and...

...availability of GIS data; more powerful desktop technology and wider use of portable, laptop and **palm - top computers** capable of wireless communications including global communications via satellite and other developments: These are some...

**17/3,K/22 (Item 1 from file: 99)**

DIALOG(R) File 99:Wilson Appl. Sci & Tech Abs  
(c) 2004 The HW Wilson Co. All rts. reserv.

1097225 H.W. WILSON RECORD NUMBER: BAST93029321

**New peripherals increase options**

King, John;

IEEE Spectrum v. 30 (May '93) p. 69-6

DOCUMENT TYPE: Feature Article ISSN: 0018-9235

...ABSTRACT: and PCs. Increases in peripherals options have resulted from the emerging crossover between the personal **computer** and workstation markets. There appears to be 4 developments from this increased interaction: The distinction...

...a personal PC storage expansion system called InfiniStor, and a Databook PC card which enables **users** to **transfer data** between **palmtop** and desktop PCs through memory cards.

**17/3,K/23 (Item 1 from file: 583)**

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09299774

Option International introduceert WAP Man

BELGIUM: OPTION OFFERS WAP MAN SOFTWARE

De Financieel-Economische Tijd (AVK) 30 May 2000 p.14

Language: DUTCH

Option International, the Belgian producer of equipment for mobile **data communication**, has announced it will from now on supply its products with WAP Man software. This software enables its **user** to browse through WAP

sites on a notebook or **palmtop computer**, without having to use a special mobile phone which supports the WAP protocol. The WAP...

**17/3,K/24 (Item 2 from file: 583)**

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09216461

Leica's compact Digilux Zoom for local market  
MALAYSIA: DIGILUX ZOOM FROM LEICA DEBUTS  
New Straits Times (XAS) 27 Dec 1999 Computimes, p.26  
Language: ENGLISH

...a unit, the new product is compact and is of the size of a shirt **pocket**. The digital camera is in-built with field lens and a achromatic lens. The most...

... developed by German firm, Leica Camera AG is targeted at insurance, real-estate and normal **user** categories. It is available with the photo processing software, the Adobe Photoshop 5.0 LE and a **data transfer** software. The latter supports quick shift of pictures from the new camera to the **computer**.

**17/3,K/25 (Item 3 from file: 583)**

DIALOG(R) File 583:Gale Group Globalbase(TM)  
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09167245

New innovations in Underground Services  
AUSTRALIA: NEW RECORDING METHOD BY SECOROC  
Australian Mining Journal (ALR) Aug 1999 p.38  
Language: ENGLISH

... inventory control, as well as drill consumables life details are made available with the method. **Palmtop computers** are used by underground service personnel to record data including regrinds of button bits, lost, worn out or damaged equipment and issues of new Secoroc drilling consumable. **Data** from **palmtop computers** is then **transferred** to a larger notebook **computer**, which has detailed databases and spreadsheets. The Hewlett Packard 620LX **palmtop** is used by the firm in this new method. Accurate and timely data on the performance of **client**'s underground drill rigs is provided through this new method. Secoroc is involved in supply...

**17/3,K/26 (Item 4 from file: 583)**

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09077131

PC accessory debuts  
JAPAN: IBM TO SELL WORKPAD  
The Nikkei Weekly (NW) 1 Mar 1999 p.6  
Language: ENGLISH

IBM Japan has embarked on the sale of a palm-size **personal digital assistant**, WorkPad, that will be used together with a personal **computer**

. WorkPad is a Japanese-language version of the PC companion that is currently controlling a substantial share of the worldwide market for the **hand - held device**. It is equipped with liquid crystal display that has touch pads which enable **users** to enter addresses, schedules and memos, even when the device is not switched on. In addition, the **users** can receive and **update data** from home and office PCs. The device, measures 12-by-8.2-by-1.8...

**17/3,K/27 (Item 5 from file: 583)**  
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06643018  
Big Microsoft push for Windows CE  
WORLDWIDE: WINDOWS CE SYSTEM IN HIGH DEMAND  
Business Times (XBA) 15 Jun 1998 P.11  
Language: ENGLISH

... CE (Compact Edition) operating system in 1998 as the CE market is fast expanding. Casio **Computer**'s latest **palm - top** operating Windows CE version 2.0, the Cassiopeia E-10, will be released in Singapore...

...and comes with a microphone, a speaker and 4 MB of memory. It can fax, **record** voices, jot notes, read your handwriting, and **send** and receive e-mail. The small device allows **users** to synchronise appointments and contacts with their desktop PCs and can be operated with just...

... backseat passengers. With embedded systems, the options are infinite. According to researcher Dataquest, the global **handheld devices** industry expanded 65% year-on-year to 2.4 mn **units** in 1997. In **handheld computers**, 3Com sold more than 1 mn units in 1997 and has a 63% market share. This was followed by Hewlett-Packard (HP) with 15% market share. Windows CE-based handheld **computers** represented 26% of all handheld **computer** shipments in 1997. In this sector, HP led with a 43% global market share, followed...

**17/3,K/28 (Item 6 from file: 583)**  
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06497506  
Airmedia, Hitel agree on wireless messaging service  
SOUTH KOREA: AIRMEDIA TO PROVIDE ONLINE SERVICE  
The Korea Herald (XBF) 19 Jul 1997 P.7  
Language: ENGLISH

Airmedia, a wireless **data communication** service provider, has agreed with Korea PC Communication of South Korea, the operator of Hitel online service, on network interconnection that enables Hitel **users** to access the online service while on the move by using notebook personal **computers** or **palm - top computers** equipped with wireless communication modems. Airmedia intends to provide the service from October 1997. The...

... SDS and Nowcom. It will develop the Air Magic Service for Dacom that enables Chollian **users** to send e-mail and access information services through its wireless data network.

17/3,K/29 (Item 7 from file: 583)  
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06494837  
NEW PSION PALMTOP COMES WITH MINI-LAPTOP FEEL  
WORLD: NEW PALMTOP COMPUTER LAUNCHED BY PSION  
Asia Computer Weekly (XCF) 20 Jul 1997 P.19  
Language: ENGLISH

File transfer between  
PDA + Computer  
✓

The new Psion Series 5 **palmtop computer** has been launched by Psion globally. The **palmtop** has tiny portable features with communications, word-processing and spreadsheet functions. It runs on two...

...a VGA width back-lit screen. It is created on a 32-bit ARM RISC **processor** and operates on the EPOC32 open operating system. The **palmtop computer** features a PC integration software solution that permits **users** to operate on the **palm top** with Windows 95 and Windows NT files globally. The solution also includes a PC connectivity software with PC connection, that permits **file sharing** and **data synchronising** with a PC by **users**.

17/3,K/30 (Item 8 from file: 583)  
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06406564  
Pressing the flesh might make PIN numbers a thing of the past  
US: NEW DEVICE TO TRANSMIT DATA BY TOUCH  
Guardian (GN) 13 Dec 1996 p.10  
Language: ENGLISH

A new system to **transmit data** simply by touch is being developed by US **computer** company IBM and US magicians Penn and Teller. Costing just an estimated GBP 15, the...

...Area Network (PAN) device would work by use of a chip and transmitter in a **pocket** or fitted to belt. Contact with another PAN **user** would then allow the automatic **transfer** of **data**. Reported in New Scientist magazine, the device has important implications as it could eventually work to eradicate the need PIN numbers, **computer** disc data storage and credit card data storage.

17/3,K/31 (Item 9 from file: 583)  
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06123613  
Datacom boost with two-way wireless service  
SINGAPORE: WIRELESS DATA COMMUNICATION SERVICE  
IT Singapore (XBC) Feb 1995 P.2  
Language: ENGLISH

Singapore Telecom Page Link has launched a two-way wireless **data**

**communication** service DataRoam Message recently. The service is aimed at mobile professionals. To use the service, a HP **palmtop**, the Motorola Personal Messenger 100D radio modem and the messaging software are required. **Users** are charged a one-time registration fee, a yearly licensing fee of S\$ 50 and...

... version of the software in the second half of this year. The software will allow **owners** of laptop and notebook **computers** to use the DataRoam Message service.

**17/3,K/32 (Item 10 from file: 583)**  
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05698366  
MOTOROLA ADDS CREDIT-CARD SIZE RADIO RECEIVER+ONE-WAY MODEM  
US - MOTOROLA ADDS CREDIT-CARD SIZE MODEM  
Computergram International (CGI) 18 February 1993 p1  
ISSN: 0268-716X

Motorola has unveiled a credit card-sized wireless receiver for use with **palm - top computers** and personal communicators. The NewsCard incorporates a one-way modem and 128Kb memory. It can receive and store information such as electronic mail, **share** quotes, news **updates** and **data files** automatically as they are broadcast. The **user transfers** the **data** by inserting the card into the PCMCIA slot on the hand-held **computer** or communicator. NewsCard is a smaller version of NewsStream, a pager-like unit that picks up and stores **data** for **transfer** to desktop and laptop **computers**. NewsCard will ship next quarter, at US\$11340 in volume.\*

**17/3,K/33 (Item 11 from file: 583)**  
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05252366  
By 1997, The Wan May Be Wireless  
WORLD - 2.6 MIL TO USE CELLULAR DATA NETWORKS IN 1997  
Datamation (DTN) 1 August 1992 p24  
ISSN: 0011-6963

By 1997, new cellular data networks are expected to have 2.6 mil **users**, according to the 'Wide Area Wireless Data' report by Paul Callahan of Forrester Research (Cambridge...)

... Transaction processing, E-Mail and fax are all expected to be transmitted over the networks. **Users** are expected to operate **handheld devices** which combine **computer** and telephone. The market has been boosted by the launch of low-cost packet **data** services, which is expected to take market **share** from RAM and ARDIS packet radio networks. Packet radio shipments are forecast to rise to...

**17/3,K/34 (Item 12 from file: 583)**  
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